Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

Volume 157 No. 16 — 30 Church Street, New York 7, N. Y. — April 17, 1950

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Oil, Paint & Drug Reporter

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Italian Chemical Trade Making Sharp Gains

On the basis of information from the United States Embassy at Rome, the Department of Commerce reported last week that the Italian chemical industry had a generally good year in 1949, with a widespread upward trend in prices and markets. Chemical manufacture on the whole was not severely affected by the power shortage, it was stated.

Sulphuric acid production — 1,532,000 metric tons in the first ten months of the year, compared with 1,520,000 for the entire year of 1948 and 1,721,000 in 1938—exemplified the favorable development. Despite the virtual disappearance of the export market and only fair domestic demand, caustic soda output in 1949, estimated at 180,000 tons for the first ten months, approached the 1948 rate.

The high level of coke-oven operation resulted in substantial production of synthetic ammonia—103,000 tons for the ten months. Calcium carbide was the hardest hit of all electrochemical products, largely because of plant concentration in central Italy, the area most affected by the power shortage. Output dropped to 69,200 tons for the ten months, which was less than two-thirds the preceding year's rate.

Overall production of nitrogenous fertilizers in the first nine months of 1949 ran at 90 percent of the 1948 rate and 97 percent of that in 1938, reflecting not only a continuing upward trend in domestic utilization but also substantial exports. Domestic consumption probably exceeded current production, resulting in reduction of stocks.

Calcium Carbide Output Off

The low output of calcium carbide held production of calcium cyanamide in the first nine months of 1949 to 6,834 tons N, which was less than 50 percent of the 1948 rate. However, all synthetic ammonia derivatives made good records. The rate of production of ammonia sulphate and ammonium nitrate outstripped that of prewar; sodium nitrate made a fair comeback, although output was far behind 1938. Production of superphosphate in the first nine months of 1949, amounting to 181,000 tons, was equivalent to prewar.

The output of copper sulphate declined to 60,700 tons for the nine months, largely as a result of an unusually dry spring and competition from imports.

Also indicative of the favorable situation

—Continued on page 75

PMA Sets 1950 Linseed Support Price at $2.82

The Production and Marketing Administration, Department of Agriculture, has announced a support price of $2.82 a bushel, Minneapolis, Minn., basis, for number 1, 1950-crop flaxseed. This support price reflects an average support level of 60 percent of parity as of April 1, 1950, as announced for the 1950 crop on September 16, 1949. Support for the 1949 crop was $3.99 a bushel, Minneapolis basis.

The support price at Duluth, Minn.; Chicago, Ill., and Portland, Ore., will be the same as at Minneapolis. The support price at Los Angeles and San Francisco, Calif., will be $2.97; at Fredonia, Ka ., $2.62; and at Corpus Christi, and Houston, Tex., $2.57 per bushel.

Margarine Regulations Interpreted by FDA

A statement of general policy and interpretation of the labeling of oleomargarine under the provisions of the oleomargarine tax repeal law recently enacted, was published in the *Federal Register* on April 13 by the Food and Drug Administration.

The FDA interpreted the law to require that the words "oleomargarine" must be printed on the label in letters at least as large and as conspicuous as any other lettering on the label.

FTC Complaint Names Fourth Antihistamine Maker

The Federal Trade Commission lodged a formal complaint, April 13, against the Union Pharmaceutical Company, manufacturer of "Inhiston," charging the company with falsely advertising the drug to be a cure and preventive for the common cold. Almost identical complaints have been lodged against Bristol-Myers Company, maker of "Resistabs," New York; Anahist Company, Inc., maker of "Anahist," Yonkers, N. Y., and Whitehall Pharmacal Company, manufacturer of "Kriptin," New York.

Chemicals, Drugs Tariff Negotiations To Open in England September 28

A long list of products on which the United States may grant concessions at the third round of tariff negotiations, scheduled to commence at Torquay, England, on September 28, was issued last week by the Department of State.

In its formal announcement of the intention to negotiate tariff reductions with seventeen countries at Torquay, the department published a seventy-six-page list of products, including numerous items in the field of drugs, chemicals and related products.

Coincident with the department's announcement, the Tariff Commission's Committee for Reciprocity Information made known the dates on which interested American parties may voice their objections, approval or other views concerning the proposed negotiations. The closing date for filing of applications to be heard by CRI is May 10; the closing date for the submission of briefs is May 17, and the date for the opening of public hearings before CRI is May 24.

All applications for oral presentations at the hearings must indicate the product or products on which the applicant wishes to be heard, and briefs must be submitted with ten copies. Applications should be made to the chairman of the Committee for Reciprocity Information, Tariff Commission, Washington 25, D. C.

Of the seventeen countries scheduled to take part in the negotiations at Torquay, eleven are parties to the general agreement on tariffs and trade negotiated at Geneva in 1947. These countries are Australia, Belgium, Brazil, Canada, France, Luxembourg, New Zealand, Netherlands, Norway, Union of South Africa, and United Kingdom. In addition, Austria, the Federal Republic of Germany, Guatemala, Korea, Peru and Turkey will seek admission to the general agreement.

Although none of the countries which negotiated with the United States at Annecy, France, last summer are included on the list of those scheduled to parley at Torquay, officials of the Department of State indicated that they may issue a supplemental announcement including some of the Annecy countries at a later date.

The list of products for negotiation at Torquay includes many items that were subject to negotiation at Geneva, but none of the products included in the Annecy agreements are scheduled for further negotiation in September.

Copra, Coconut Oil 1949 Imports 3 Percent Below '48

United States imports of copra and coconut oil in terms of copra during 1949 amounted to 519,540 short tons, a decrease of 3 percent from 1948 and 25 percent from 1947, but an increase of 4 percent over the prewar average, according to the Office of Foreign Agricultural Relations. Approximately 96 percent of the 1949 imports originated in the Republic of the Philippines.

Copra imports of 428,230 tons, though considerably less than in the two previous years, exceeded the prewar average by 86 percent. Coconut oil imports of 57,525 tons, however, represented only one-third of the average 1935-39 tonnage, despite the upward trend of oil imports since 1946.

Imports of palm oil into the United States continued to lag far below prewar. During 1949, 41,170 tons, or only one-fourth the 1935-39 average of 160,741 tons, were imported. Over 29,600 tons, or 78 percent of the total, came from the Belgian Congo. For the first time since before the war a sizable quantity—11,399 tons—came from Indonesia, the source of approximately 75 percent of imports of palm oil during 1935-39.

CCC to Get No Tung Nuts from 1949 Crop

The Department of Agriculture announced April 10 that none of the 1,748 tons of tung nuts covered by purchase agreements under the 1949 price support program will be offered to Commodity Credit Corporation. All tung nuts under purchase agreement were either sold by producers in commercial channels of trade or toll-crushed into oil for the producer's account. March 31 was the last day on which producers could notify the Production and Marketing Administration of their intentions to deliver tung nuts to CCC.

Current market prices for tung oil are above the support price of 24.1 cents per pound. If the market price continues near its present level, it is anticipated that most if not all of the 11,462,509 pounds of tung oil now under purchase agreement will be sold by producers through regular trade channels. A considerable part of this total already has been sold commercially. Producers have thirty days ending September 30 to notify their county PMA committees of their intentions to deliver tung oil to CCC should they care to do so.

Army's Morgantown Plant Offered for Lease

The army's huge synthetic ammonia plant at Morgantown, W. Va., is being offered for lease to the highest bidder at a public offering to be held May 15 at the office of the army engineer corps, Louisville, Ky.

The plant is one of the biggest of the army's projects, and has a rated capacity of 18,000 tons of anhydrous ammonia a month. It has been in operation almost continuously since the start of the war. E. I. du Pont de Nemours & Co. was the wartime operator. For the past several years it has been operated for the army by the Heyden Chemical Corporation.

Dihydrostreptomycin Product Marketing Allowed by FDA

The marketing of dihydrostreptomycin sulphate solution, a new product in the field of antibiotic medicines, was authorized last week by the Food and Drug Administration. A monograph detailing the tests for the product was published in the *Federal Register* on April 13.

Canadian 1949 Chemical Exports Down 12 Percent

Canadian exports of chemicals and allied products in 1949 totaled approximately $70,000,000, a decrease of about 12 percent from the 1948 total of $79,840,000, according to information obtained by the chemicals branch of the Office of International Trade from the Dominion Bureau of Statistics. Among the exports were the following, in pounds unless otherwise specified:

Acids, unspecified	34,654,000
Ammonium sulphate	334,294,000
Arsenic	3,381,000
Blacks, acetylene, carbon and lamp	11,501,000
Calcium compounds	43,948,000
Cobalt oxides and salts	591,000
Fertilizers, manufactured, n.o.p	784,128,000
Glycerin	73,000
Iron oxide	6,777,000
Nonpotable spirits, gal.	127,307,000
Phosphate fertilizers	293,025,000
Pigments, n.o.p.	5,302,000
Printing ink	221,000
Sodium compounds	138,285,000
Sulphuric acid	34,672,000
Synthetic resins	17,339,000
Varnish, gal.	7,703,000
White lead, dry or in oil	1,173,000

Crude Cottonseed Oil Allotment Sold by CCC

The entire April allotment of 20,000,000 pounds of crude cottonseed oil have been sold by Commodity Credit Corporation and, in addition, another 6,000,000 pounds have been sold to the army for shipment to Japan, officials of the agency announced last week. None of the 5,000,000 pounds of prime summer yellow, which is also being offered by the agency, had been sold, however, as of April 12.

The agency's offer of 20,000,000 pounds of crude cottonseed oil was made to the trade April 1 with the price fixed at 13¼ cents a pound for domestic sales. Sixteen million pounds were sold in the domestic market at this price, and the remaining 4,000,000 pounds went for export at 13¼ cents a pound. All sales were f.o.b. tankcars at producing mills. All of the exports were to Canada.

Price Trend Reveals Weakness

Spottiness in textile chemicals, essential oils and naphthalene tended to depress the general market for chemicals, oils and drugs last week and the overall price index number dropped 0.2 point and was 12.3 points below that of last year.

Consumers of textile chemicals continued to restrict purchases to actual needs. Interest in forward requirements also was lacking, both from large and small consumers. This resulted in a lower price for edible egg albumen. Among the essential oils, lower prices were reported on citronella, garlic, ginger guaiacwood, lemongrass and Mexican lime oils. Aromatic chemicals were steady.

Ginger root and ergot were the depressants in the crude drug field, where attention is being directed toward 1950 collections. Primary market collectors report that more persons are expected to be engaged in gathering botanicals this year than in 1949. Carryovers from the 1949 stock were reported conservative.

Among the heavy chemicals, higher prices for tin resulted in advances in the chloride and crystals. Buyers of sodium stannate and other tin-based chemicals face the prospect of higher prices at an early date. Tonnage shipment of heavy chemicals compared favorably with those of a year ago. Chlorine, copper sulphate and sodium chlorate are in short supply.

Price movements in the market for drugs and fine chemicals were confined to reductions in capsicum oleoresin and castor beans, the former under the influence of a new pepper crop. A price spread on tankcar quantities of butadiene disappeared during the period under review. Movement of alcohol, though generally quiet compared with the late March rush of business, was holding its own.

Weakness developed in fats and oils late in the week and earlier advances in cottonseed and soybean oils were nullified, prices declining to former levels. Other competing vegetable oils were unsettled but unchanged. Imported casein was advanced and phthalates and shellac were reduced in the market for protective coating materials. The phthalates were reduced as a result in a recent cut in phthalic anhydride.

All grades of naphthalene were reduced and widespread price reductions were reported in virtually all phthalate plasticizers. The prices on the dyestuffs and other intermediates based on naphthalene were expected to hold firm as these items were not advanced along with the most recent increase in naphthalene.

Benzene hexachloride remained firm and tight, with demand strong and producers heavily sold through the summer. DDT was in the same position, with sellers asking premiums for additional quantities. Basic agricultural materials did not change. The general movement was not up to expectations and, unless shipments increase, the tonnage movement this season will likely fall below that of a year ago.

OPD Price Index

The Oil, Paint and Drug Reporter's relative record of prices for chemicals and related materials is currently as follows:—

Apr. 14, 1950	Apr. 7, 1950	Dec. 30, 1949	Apr. 16, 1949
121.0	121.2	124.8	133.3

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

OPD Index Monthly Averages

	1950	1949	1947	1946	1941
January	121.3	142.0	150.9	135.3	107.3
February	121.3	140.4	151.9	135.4	110.3
March	121.8	137.6	154.9	135.2	111.9

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SAACI Hears Minor On Successful Selling

The basic fundamentals of good selling were outlined by O. S. Minor, sales manager of the Shell Oil Company's New York division at a luncheon meeting of the Salesmen's Association of the American Chemical Industry held in the Roosevelt hotel, New York, on April 13. Present were 270 members and guests, marking the largest number ever to attend a SAACI luncheon.

Mr. Minor declared that the theme of selling for Shell salesmen is THIO, meaning "the honeymoon is over," or "the heat is on." But for the optimist, he said, THIO can mean "opportunity is here today." He emphasized that a good salesman must be an optimist.

Essentials of good selling were outlined by Mr. Minor as follows:—

1. A salesman must have a good, healthy smile, for such a smile is contagious and creates a good atmosphere.
2. He must have enthusiasm, which can easily be developed.
3. He must have a fighting heart and realize that opposition is a natural thing; if he is afraid of opposition he must overcome this fear.
4. He must be industrious and be determined to work harder.

Most important, Mr. Minor concluded, the good salesman must have a thorough knowledge of his product and be able to present his demonstration in such a manner that the prospect will not consider it "canned." The basic point, he added, is not to sell but to make it easier for the prospect to buy.

John F. Henry, of Joseph Turner & Co., Ridgefield, N. J., and chairman of the SAACI entertainment committee, announced that a "Fight Night" will be held at the Downtown Athletic Club on May 23.

U.S. Held Responsible For Texas City Disaster

Federal district court at Houston, Tex., held, April 13, that the Federal government was responsible for the Texas City, Tex., disaster of three years ago. The decision was handed down in a test case to determine if the Federal government could be held accountable for 273 lawsuits seeking $200,000,000 damages, as a result of the chaos that occurred when two ships loaded with ammonium nitrate exploded in the Texas city harbor.

The ruling judge declared that "from the beginning of the manufacture of the ammonium nitrate fertilizer to the day of the disaster such regard of safety of the public in manufacture, handling and transporting the products was shocking."

Of the suits, that by the Monsanto Chemical Company, St. Louis, whose Texas City properties were destroyed, was the largest—$50,000,000.

A government spokesman said it will immediately appeal the decision to the Circuit Court of Appeals at Fort Worth. It was indicated that the case will be taken to the Supreme Court of the United States, if necessary.

Pan American Producing Benzol from Petroleum

The Pan American Refining Corporation, New York, announced last week the successful commercial production of synthetic benzol from petroleum at the company's Texas City, Tex., refinery after close to a year of trial runs.

The benzol is obtained through the dehydrogenation of cyclohexane and the isomerization and dehydrogenation of methyl cyclopentane. Existing facilities at the Texas City plant are estimated to be capable of the manufacture of between 3,000,000 and 5,000,000 gallons of 1 degree benzol a year.

Benzol is in very short supply at the present time and the successful commercial synthesis of this material by Pan American opens up a previously untapped source.

Kaiser Asks Import Probe

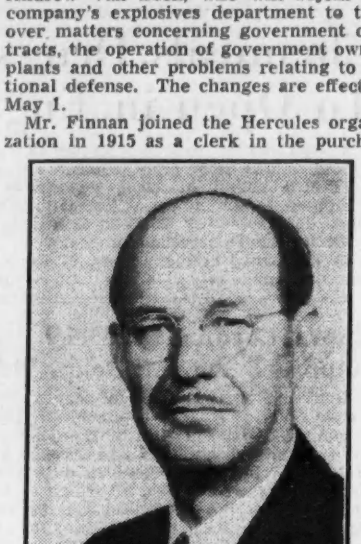
Kaiser Aluminum & Chemical Corporation filed an application last week with the Tariff Commission for an investigation under the so-called "escape clause" of the reciprocal trade agreements of imports of aluminum into the United States.

The application is similar to a request several weeks ago of Reynolds Metals Company for an investigation and increase in duty. The Kaiser petition covered aluminum and alloys in crude form (except scrap) and in coils, plates, sheets, bars, rods, circles, disks, blanks, strips, rectangles and squares.

Hercules Appoints Finnan New Director of Purchases

Hercules Powder Company, Wilmington, Del., has appointed Lawrence J. Finnan jr. director of purchases, to succeed Andrew Van Beek, who will rejoin the company's explosives department to take over matters concerning government contracts, the operation of government owned plants and other problems relating to national defense. The changes are effective May 1.

Mr. Finnan joined the Hercules organization in 1915 as a clerk in the purchasing department. He was subsequently promoted to the position of buyer, and has served as assistant director of purchases since December, 1929.



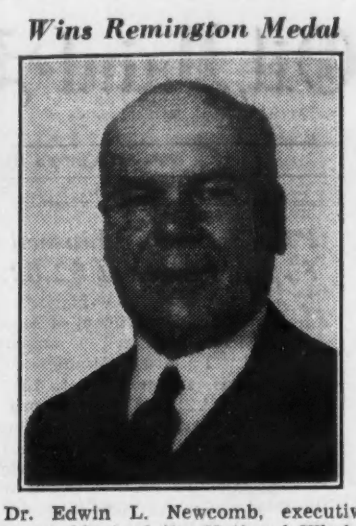
Lawrence J. Finnan jr.

Mr. Van Beek, who has served as director of purchases since 1947, joined the company in 1923. He served as assistant superintendent at explosives plants in Kenvil, N. J., Bessemer, Ala., and Ishpeming, Mich., and was appointed plant superintendent at Ishpeming in 1939. In 1941 he was named assistant manager of the Radford Ordnance Works, Radford, Va., and was later made plant manager, a post he held until assuming the position of director of purchases.

Candy Technologists to Meet

The American Association of Candy Technologists will hold its second annual meeting at the Waldorf-Astoria hotel, New York, on June 6. New officers will be elected at the meeting.

Wins Remington Medal



Dr. Edwin L. Newcomb, executive vice-president of the National Wholesale Druggists Association and secretary and managing director of the American Foundation for Pharmaceutical Education, has been voted the 1950 Remington medal of the New York branch of the American Pharmaceutical Association. The medal, which will be awarded at a dinner in New York, probably early in December, was voted to Dr. Newcomb for his "forty years of service to American pharmacy in many highly important capacities."

Pacific Chemical Elects Smith as New President

Pacific Chemical & Fertilizer Company, Honolulu, has elected Ronald Q. Smith president, to succeed James T. Phillips. Mr. Phillips was appointed chairman of the board of directors, to succeed H. A. Walker. In addition, William G. Hewitt, assistant general manager, and Gordon B. Hayes, treasurer, were named vice-presidents. Mr. Smith, who has been serving as general manager of the company, was also elected to the board of directors. Mr. Phillips will make his headquarters in San Francisco for the next six months, and Mr. Hewitt, who has spent two years in the San Francisco office, will return to Honolulu in June.

ECA Announces Additional Procurement Authorizations

Among the new procurement authorizations issued to Marshall plan countries by the Economic Cooperation Administration during the period April 7 to 13 were the following:—

To Austria—$50,000 for lauryl alcohol, polyethyleneglycol, and pentaerythritol; $100,000 for industrial chemicals other than alcohol; $150,000 for zinc products; $160,000 for copper products, and $100,000 for nonmetallic minerals, all from the United States.

To Belgium-Luxemburg—$730,000 for nonferrous ores and concentrates from the United States.

To France—$1,630,000 for medical and pharmaceutical preparations, and $191,000 for tinplate, terne plate and black plate, from the United States.

To Germany—$450,000 for industrial chemicals other than alcohol, and $100,000 for animal waxes from the United States; $1,200,000 for nonferrous ores and concentrates and $1,000,000 for copper products from Latin America; $500,000 for copper products from Canada.

To Greece—$1,000,000 for petroleum products from Latin America.

To Iceland—$100,000 for petroleum products from the United States.

To Italy—$2,545,000 for petroleum products from the Middle East, and $170,000 for the same from the United States.

To Netherlands—$500,000 for copper products, $75,000 for aluminum products, $50,000 for brass and bronze products, $10,000 for lead products, $10,000 for nickel products, $325,000 for peanut oil, $880,000 for soybeans, $240,000 for tallow and other animal fats and oils, $190,000 for industrial chemicals other than alcohol, $35,000 for medicinal preparations, and $10,000 for copper products, all from the United States; $1,004,000 for hides and skins and $250,000 for nonferrous ores and concentrates from Latin America; $45,000 for hides and skins from Canada.

To Norway—$340,000 for copper products from the United States.

To Sweden—$200,000 for chemicals, and $100,000 for chemicals other than alcohol, from the United States.

To United Kingdom—$150,000 for ethyl hexyl alcohol and $350,000 for nonferrous ores and concentrates from the United States.

Heyden Offers Four New Pentaerythritol Diacetals

Heyden Chemical Corporation, New York, is currently offering pilot plant quantities of a group of four diacetals of pentaerythritol. The new products are pentaerythritol diformal, pentaerythritol diacetal, pentaerythritol dipropional, and pentaerythritol dibutyral (n). Samples and technical literature may be obtained from the company.

Foreign Sales Leads

Anyone interested in supplying the following inquiries with goods or information can get the full address of the inquirer by communicating — not by telephone, please—with OPD office:—

Chemicals, Sao Paulo, Brazil (FM-2); Osaka, Japan (FM-5); industrial, Kyoto, Japan (FM-7); Manila, Republic of the Philippines (FM-10, agency).

Cocoa butter, Kobe, Japan (FM-4).

Codliver oil, medicinal and veterinary, Beggio Emilia, Italy (FM-3).

Cornstarch, Manila, Republic of the Philippines (FM-10, agency).

Cosmetics, Manila, Republic of the Philippines (FM-10, agency).

Cottonseed, Kobe, Japan (FM-4).

Enamel, for glass tiles, Monterrey, N. L., Mexico (FM-9).

Fertilizer materials, including potassium muriate and sulphate, calcium superphosphate, triple superphosphate, Sao Paulo, Brazil (FM-1); tankage, Beggio Emilia, Italy (FM-3).

Molasses, Kobe, Japan (FM-4).

Oilseeds and oilcake, Kobe, Japan (FM-4).

Paint, for bicycles, Tokyo, Japan (FM-6); spray, for automobiles (FM-11, agency).

Perfume oils, Osaka, Japan (FM-5).

Veterinary products, Beggio Emilia, Italy (FM-3).

White oil, 65-75 viscosity, Col. N. Heroes, Mexico (FM-8).

Yeast, irradiated, dry, for cattle, Beggio Emilia, Italy (FM-3).

Who Has It?

Inquiries in the OPD editorial office seek sources from which the materials listed below can be obtained. Information will be gratefully received here:—

Amyl crotonyl acetate.
Ditolyl methane.
Ergostanyl acetate.
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2-Methyl-4 amino-1-naphthol hydrochloride.
Trihexyl phenidyl 3 - (1-piperidyl)-phenyl-1-cyclohexyl-1-propanol hydrochloride.

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SOCMA Members Urged To Tell Story to Public

Speaking before the April 12 meeting of the Synthetic Organic Chemicals Manufacturers Association, S. D. Kirkpatrick, editor of Chemical Engineering, warned that the chemical industry is facing a vitally important problem of public education, and urged chemical companies individually, as groups and as an industry to take the lead in a broad and constructive program.

He pointed out that industry is currently in the midst of a battle in Washington against "Bigness in Business," stressing that the chemical industry is under increasing fire from the anti-monopolists and the economic planners, and might easily become the "number 1 target for the trust busters and rabble rousers in Washington."

To offset the possibility of the industry's becoming a "whipping boy," Mr. Kirkpatrick strongly urged the enlistment of public sentiment on the part of the chemical industry. Continuing in this vein, he said:—

"Some of our chemical companies have followed a policy of silence for many years in the belief that it is a wise policy. Steady growth and increased earnings over the past period of development would seem to confirm the wisdom of such a course. Yet there often comes a time when a company's affairs are singled out for discussion or investigation. This is especially true in these days, when all the trends are toward social and political control.

"Recent experience has shown that those who discuss and investigate are seldom sympathetic, nor are they sticklers for accuracy or understatement. On the other hand, if a company tells its story to the public, not once, but on every occasion of an important development, it will gradually become a part of the public consciousness, and the company will thereby be less vulnerable to the exaggerations or falsities generated by its critics.

"The same principle, it seems to me, applies equally well to an industry as to a company. If the public is correctly and constantly informed of what an industry is doing, its objectives as well as its accomplishments, a sympathetic interest is bound to be developed. Witness the change in attitude toward the railroads, for example, when in recent years the public-be-damned tradition was discarded and the Association of American Railways took a hand in promoting better public relations. Witness the fine job done by the American Petroleum Institute, with its grass roots information and educational work. Witness the tremendously constructive program of the American Iron and Steel Institute, the American Pulp and Paper Association, the Automobile Chamber of Commerce, and so forth. For industry as a whole, cooperative work on public relations is essentially a trade association activity and responsibility. But all of us as individuals can help some place along the line in this process of public education.

"In our contacts with other employees and those of our customers we can make certain that our dealings are fair and of the sort that will promote confidence and good will for our companies and for the industry as a whole. It is not always easy and convenient to make these 'person-to-person calls,' and sometimes the job may seem distasteful and unnecessary. But the time is coming, I think, when for our own good it will be desirable that we talk more about ourselves and about the public services rendered by our chemical industries.

Morrill Plans New Ink Plant in Texas

The George H. Morrill Company, a division of the Sun Chemical Corporation, Long Island City, N. Y., is planning to open a new printing ink plant in Fort Worth, Tex., during the latter part of this year. The new plant will have a production capacity of 16,000,000 pounds of news ink and 500,000 pounds of job and commercial inks per year.

Foreign Market Lists

Lists of foreign outlets for chemicals and related materials and consumers goods, recently compiled by the Commercial Intelligence division of the United States Department of Commerce, include the following, which are available from the division at $1 a list for any one country:—

Beverage manufacturers—Netherlands West Indies.
Ceramic manufacturers—Brazil.
Hospitals—Cuba.
Paint and varnish importers, dealers—Vene-

New Oronite President

T. G. Hughes has been elected president of the Oronite Chemical Company, subsidiary of the Standard Oil Company of California, to succeed George L. Parkhurst, who has been elected chairman of the chemical company's board of directors. Mr. Hughes, who joined the California Standard organization in 1926, has been with the Oronite Chemical Company since its formation in 1943. Mr. Parkhurst assumes the position formerly occupied by R. G. Follis, board chairman of Standard Oil Company of California.

Anti-Hog-Cholera Program Cost Estimated at $37,280

The bureau of animal industry announced last week that the cost of the anti-hog-cholera serum and hog-cholera virus program is estimated at $37,280 for 1950, of which all but $8,349 will have to be collected from the industry.

Of the amount needed, all but $1,000 will be assessed against handlers who are manufacturers; the remainder will be assessed against handlers who, as distributors, market their products principally through veterinarians or other channels.

The prorata share of the expenses to be paid by each handler who is a manufacturer will be $16.26 per million cubic centimeters of hyperimmune blood collected by such handler during 1949. The assessment against handlers marketing through veterinarians will be $2.10 per million cubic centimeters of serum sold by such handler.

Comm'l Solvents Elects Woods as New President

Commercial Solvents Corporation, New York, elected J. Albert Woods president at a special meeting of the board of directors on April 12. Mr. Woods succeeds the late Henry E. Perry.

Mr. Woods, who is a director of the corporation, was president of the Wilson

J. Albert Woods

& Toomer Fertilizer Company, Jacksonville, Fla., before joining the Commercial Solvents organization. In addition, he served as vice-president and director of the Armour Fertilizer Works from 1929 to 1934; joined the Chilean Nitrate Sales Corporation in 1934 and became vice-president and then president of that company, and in 1945 became president of W. R. Grace & Co.

Atlas Powder Co., Canada Formed by Atlas, Sterne

The organization of the Atlas Powder Company, Canada, Ltd., has been announced by Isaac Fogg, president of the Atlas Powder Company, Wilmington, Del., and W. S. Sterne, president of G. F. Sterne & Sons, Ltd., Brantford, Canada.

W. S. Sterne is president and F. E. Sterne is manager director of the new company, which is a joint venture of the industrial chemicals department of the Atlas Powder Company and the Sterne organization. It is organized for manufacture and distribution of industrial chemicals, and plans are under way to manufacture certain types of chemicals at Brantford.

Washington Talks It Over

By Ralph L. Cherry

The Bureau of Labor Statistics is toying with the idea of a major overhaul of its wholesale price index to make it reflect present-day trends more accurately. With industrial operations, living conditions, and most everything else seemingly established on a new level, officials feel that the present indexes are outmoded and need revision.

Studies are now going on in the bureau on the chemical index, fats and oil index, paints index, and all other segments of industry which go to make up the whole, with the view of using the single year of 1947 as the base year in computing the index for both prices and production. At the present time, 1926 is the base year for prices and 1929-31 is the base period for quantities.

The studies involve giving new weights to the products which now are used in computing the index, reducing the values of those which do not figure as importantly today as they did a quarter of a century ago, dropping those which have no value, and adding many new products to the list which have become important to "our way of life," mostly since the war.

A considerable amount of work is attached to such an overhauling of the index as is contemplated. Several months already have been spent in preparation, and many more will pass before a decision is reached on the final make-up of the new index.

Argentine Tung Nuts Outlook

Argentine producers expect the 1950 tung nut harvest to be smaller than the record crop of 1949 because of frost damage and drought conditions. The June, 1950, harvest is forecast currently by the trade at 45,000 short tons of nuts compared with 65,000 tons last year. Assuming a yield of 16 percent, the oil equivalent of the current crop would be 7,000 tons against 10,500 tons in 1949.

Planting of tung trees in Argentina took place largely under the influence of wartime demand with few, if any, new plantings after 1946. A government survey in 1944 showed there were 107,190 acres with 10,354,650 tung trees. Currently, the trade estimates the acreage at 111,195, the number of trees at 12,000,000, and the number of trees from which nuts were harvested in 1949 at 10,000,000.

The number of trees available for harvest will increase this year and next, with producing trees expected to reach a peak in 1952. The potential maximum crop now foreseen for the early 1950's is calculated near 90,000 tons, yielding from 13,000 to 14,000 tons of oil.

Exports of tung oil in 1949, according to private trade figures, were 9,127 tons. Principal destinations were the United States, with 6,210 tons, and the United Kingdom, with 2,102 tons. Shipments of tung oil were negligible in the first half of 1949, but available quantities were sold rapidly thereafter, following the closing of Chinese ports.

Demand has strengthened steadily in recent months, and the balance of the Argentine crop is expected to move as rapidly as it becomes available. As of March 1, the unsold stocks held by the Argentine Trade Promotion Institute (IAPI) were estimated to be slightly under 2,200 tons. Future deliveries this season by crushers to IAPI were forecast at 3,300 tons. The IAPI thus appeared to be in position to sell about 5,500 tons of 1949 crop oil in the period from March 1 forward.

Boll Weevils Plentiful

Mother Nature appears to be getting ready to "take care" of that 1,250,000 acres which congress insisted on adding to the 1950 cotton acreage quota a few weeks ago when the pressure became too

—Continued on page 34

NACA Sets Program For Spring Meeting

The National Agricultural Chemicals Association has completed the program for its spring meeting, to be held at Haddon Hall, Atlantic City, N. J., on April 20 and 21. The program is as follows:—

April 20

The meeting will be opened with an address by the association's president, Ernest Hart, followed by a report of the executive-secretary, Lea S. Hitchner. There will be a panel discussion on "Residue Tolerance Hearings," with Howard W. Grady, California-Spray Chemical Corporation, as moderator and Dr. C. C. Alexander, Geigy Company; F. J. Rarig, Rohm & Haas Company, and John D. Conner, special counsel of the association, participating. The morning session will close with the report of the finance committee, delivered by its chairman, Frank S. Washburn.

At the luncheon session, W. M. Dennis, economist of the American Cyanamid Company, will deliver an address on "General Business Trends."

In the afternoon there will be a panel discussion on "Product Liability," with Wilton McKinley, Niagara Chemical Division, Food Machinery & Chemical Corporation, as moderator. Participating will be Richard Hansen, General Chemical Division, Allied Chemical & Dye Corporation; C. S. Maddock, Hercules Powder Company, and George P. Lamb association counsel.

April 21

In the morning there will be a panel on "New Legislation," with W. W. Sunderland, Dow Chemical Company, as moderator. Participating will be Dr. Charles L. Amith, Ethyl Corporation, and J. A. Noone, of the association staff.

There will also be panel on "Publicity and Public Relations," with Wallace S. Moreland, Rutgers University, as moderator. Participating in this discussion will be Eugene E. Perrin, Dow Chemical Company; M. R. Budd, Hercules Powder Company; C. Harold Cunningham, Rohm & Haas Company, and Don Lerch, of the association staff.

The afternoon will be devoted to a meeting of the board of directors.

Callison Now Operating Allaire, Woodward & Co.

I. P. Callison & Sons, Seattle, Wash., has taken over the management and operations of Allaire, Woodward & Co., Peoria, Ill. The Peoria organization will continue to specialize in fluid, powdered and solid extracts, syrups, whole powdered and ground drugs, concentrates, resins and tinctures, under the Allaire, Woodward & Co. name.

The facilities of the Callison research laboratories and certain new processes and equipment have been made available to the Peoria organization, and plans are being formulated for the enlargement and improvement of the Allaire, Woodward & Co. laboratories and plant.

Du Pont Advances Stecher In Petroleum Chemicals Div.

E. I. du Pont de Nemours & Co., Wilmington, Del., has appointed Joseph L. Stecher assistant sales director of its petroleum chemicals division. He was formerly manager of petroleum chemicals production. In addition, Emory M. Fanning has been named assistant sales director of Kinetic Chemicals, Inc., and E. Hearn Simpson and David H. Conklin have been appointed sales managers of the petroleum chemicals division. Mr. Simpson will have charge of industrial sales and Mr. Conklin will direct sales promotion.

General Aniline Names Andrews to New Position

General Aniline & Film Corporation, New York, has appointed Dr. D. B. Andrews director of the process development department of its Rensselaer, N. Y., plant, to succeed Dr. J. C. Moessinger, who is now devoting all his time to duties as technical coordinator of the company's foreign activities.

Chemo Puro Elects Adler New President

Chemo Puro Manufacturing Corporation, Long Island City, N. Y., has elected Dr. Martin Adler president and P. C. Hereld executive vice-president. Dr. Adler, who was formerly vice-president, succeeds the late Dr. Hugo Bamberger. Mr. Hereld has been director of sales and development since 1941.

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Association Meetings

American Association of Candy Technologists, annual production conference, Bethlehem, Pa., April 27.

American Association of Textile Chemists and Colorists, Portsmouth, N. H., September 26-30.

American Council of Commercial Laboratories, Cleveland hotel, Cleveland, June 22-23.

American Gas Association, Atlantic City, October 2-6.

American Institute of Chemical Engineers, Neal House, Columbus, Ohio, December 3-6.

American Management Association, national packaging exposition, Navy Pier, Chicago, April 24-27.

American Oil Chemists Society, Atlanta Biltmore hotel, Atlanta, Ga., May 1-3.

American Petroleum Institute, Biltmore and Ambassador hotels, Los Angeles, November 13-16.

American Pharmaceutical Association, Traymore hotel, Atlantic City, April 30-May 5.

American Pharmaceutical Manufacturers Association, annual meeting, Broadmoor hotel, Colorado Springs, Colo., May 29-31.

American Plant Food Council, Homestead hotel, Hot Springs, Va., June 29-July 2.

American Society for Testing Materials, Atlantic City, N. J., June 26-July 1.

American Spice Trade Association, Shawnee Inn, Shawnee-on-Delaware, Pa., May 21-24.

American Turpentine Farmers Association, Valdosta, Ga., April 19.

American Water Works Association, Convention Hall, Philadelphia, May 21-26.

Association of Consulting Chemists and Chemical Engineers, Shelburne hotel, New York, April 25.

Canadian Gas Association, Manoir Richelieu hotel, Murray Bay, Quebec, June 19-24.

Central Atlantic States Association of Food and Drug Officials, Chalfonte hotel, Atlantic City, N. J., May 24-26.

Chemical Bureau Alumni Association of the War Production Board, Lexington hotel, New York, May 17.

Chemical Market Research Association, New York, June 8.

Chemical Specialties Manufacturers Association (formerly National Association of Insecticide and Disinfectant Manufacturers), Drake hotel, Chicago, June 12-13.

Drug, Chemical and Allied Trades Section, New York Board of Trade, "Ol' Timers' Nite," Astor hotel, New York, May 10; annual meeting, Shawnee Inn, Shawnee-on-Delaware, Pa., September 21-23.

Electrochemical Society, Statler hotel, Cleveland, April 19-22.

Federal Wholesale Druggists Association, Greenbrier hotel, White Sulphur Springs, W. Va., October 23-25.

Federation of Paint and Varnish Production Clubs, Congress hotel, Chicago, November 9-11.

Flavoring Extract Manufacturers Association, Traymore hotel, Atlantic City, N. J., May 7-10.

Independent Petroleum Association of America, Biltmore hotel, Los Angeles, May 7-9.

Institute of Food Technologists, decennial conference, Edgewater Beach hotel, Chicago, May 21-25.

International Microchemical Congress, Graz, Austria, July 2-6.

Liquefied Petroleum Gas Association, Palmer House, Chicago, May 8-11.

Manufacturing Chemists Association, joint outing with Synthetic Organic Chemical Manufacturers Association, Monmouth hotel, Spring Lake, N. J., June 19-21.

Metal Powder Show, Book-Cadillac hotel, Detroit, Mich., April 25-26.

National Agricultural Chemicals Association, Haddon Hall, Atlantic City, N. Y., April 20-21.

National Association of Purchasing Agents, Cleveland, June 12-14.

National Association of Retail Druggists, Long Beach, Calif., October 15-21.

National Butane-Propane Association, Hollenden hotel, Cleveland, September 18-19.

National Confectioners Association, Waldorf-Astoria hotel, New York, June 4-9.

National Cottonseed Products Association, Shamrock hotel, Houston, Tex., May 15-17.

National Fertilizer Association, Greenbrier hotel, White Sulphur Springs, W. Va., June 12-15.

National Lubricating Grease Institute, Edgewater Beach hotel, Chicago, October 30-November 1.

National Paint, Varnish and Lacquer Association, Fairmont hotel, San Francisco, November 15-18

National Safety Congress, Chicago, October 16-20.

National Sanitary Supply Association, Stevens hotel, Chicago, May 7-10.

National Wholesale Druggists Association, Waldorf-Astoria hotel, New York, September 16-21.

Natural Gasoline Association of America, Texas hotel, Fort Worth, Tex., April 24-26.

Packaging Institute, annual forum, Commodore hotel, New York, October 23-25.

Pennsylvania Grade Crude Oil Association, William Penn hotel, Pittsburgh, Pa., June 15-16.

Proprietary Association, Greenbrier hotel, White Sulphur Springs, W. Va., May 25-27.

Society of Cosmetic Chemists, Savoy Plaza hotel, New York, May 19.

Society of the Plastics Industry, New Ocean House, Swampscott, Mass., October 18-20.

Society of Rheology, New Yorker hotel, New York, November 3-4.

Synthetic Organic Chemical Manufacturers Association, Commodore hotel, New York, May 10; joint outing with manufacturing Chemists Association, Monmouth hotel, Spring Lake, N. J., June 19-21; annual meeting, Commodore hotel, New York, December 13.

Toilet Goods Association, annual meeting, Waldorf-Astoria hotel, New York, May 16-18.

United States Pharmacopoeia convention, Statler hotel, Washington, May 9-10.

Oils, Fats Consumption: February

Factory consumption of primary oils, fats, fatty acids, and related materials in February, 1950, totaled 1,251,862,000 pounds, according to the Bureau of the Census. Consumption in the major specified lines of industry included the following quantities:—

	Pounds
Edible products other than salad oil	252,563,000
Paint and varnish	40,351,000
Processing (fat-splitting, winterizing, pressing, sulphonation, etc.)	278,752,000
Refining	440,167,000
Soap	144,846,000

Factory consumption of individual materials was reported as follows:—

Oils

	Pounds	
Babassu—	Crude	Refined
Refining	[1]	
Soap	[1]	[1]
Other uses		
Castor, crude—	No. 1	No. 2
Refining		
Fat-splitting	[1]	
Sulphonation	220,000	362,000
Soap	12,000	26,000
Paint and varnish	478,000	59,000
Linoleum and oilcloth	[1]	[1]
Chemicals	[1]	[1]
Lubricants and greases	12,000	17,000
Other uses	4,942,000	545,000
Castor, dehydrated—		
Soap		
Paint and varnish		2,451,000
Linoleum and oilcloth		[2]
Lubricants and greases		[2]
Other uses		288,000
Coconut—	Crude	Refined
Refining	23,396,000	
Deodorizing		3,937,000
Hydrogenation	[1]	2,258,000
Fat-splitting	1,222,000	
Sulphonation	77,000	[1]
Shortening		64,000
Other edible products		1,081,000
Chemicals	[1]	[1]
Soap	13,622,000	7,440,000
Paint and varnish	[1]	242,000
Other uses	[1]	[1]
Cod and codliver—		All grades
Sulphonation		[2]
Deodorizing		
Paint and varnish		
Other uses		1,148,000
Corn—	Crude	Refined
Refining	19,896,000	
Sulphonation		[1]
Deodorizing		3,175,000
Winterizing for salad oil		5,093,000
Shortening		[1]
Oleomargarin		[1]
Other edible uses	[1]	6,477,000
Soap		[1]
Paint and varnish	[1]	[1]
Other uses	21,000	69,000
Cottonseed—	Crude	Refined
Refining	186,762,000	
Sulphonation		
Hydrogenation		69,934,000
Deodorizing		2,406,000
Winterizing for salad oil		45,449,000
Shortening	[1]	31,742,000
Oleomargarin		6,981,000
Other edible uses		1,524,000
Soap	[1]	
Paint and varnish	[1]	4,000
Other uses	[1]	152,000
Fish—	Menhaden	Sardine
Refining	[2]	[2]
Fat-splitting		[2]
Sulphonation	[2]	189,000
Soap	[2]	
Paint and varnish	267,000	797,000
Linoleum and oilcloth	34,000	380,000
Lubricants and greases	70,000	2,000
Other uses	1,499,000	1,355,000
Fish, other—	Crude	Refined
Refining		
Paint and varnish	11,000	101,000
Other uses	282,000	484,000
Fishliver, other than cod—		All grades
Sulphonation		[2]
Lubricants and greases		
Other uses		450,000
Linseed—	Raw	Refined
Refining	15,750,000	
Fat-splitting		
Soap	6,000	[1]
Paint and varnish	7,814,000	9,254,000
Linoleum and oilcloth	4,888,000	935,000
Lubricants and greases		
Other uses	3,183,000	3,106,000
Marine mammal—		All grades
Refining		
Sulphonation		169,000
Paint and varnish		[2]
Chemicals		[2]
Lubricants and greases		654,000
Other uses		81,000
Neatsfoot—		All grades
Refining		
Sulphonation		36,000
Soap		
Chemicals		[2]
Lubricants and greases		18,000
Other uses		295,000
Oiticica—		All grades
Paint and varnish		331,000
Linoleum and oilcloth		
Other uses		[1]
Oleo—		All grades
Shortening		[2]
Oleomargarin		419,000
Other edible uses		[2]
Soap		[2]
Lubricants and greases		
Other uses		
Olive—	Edible	Inedible
Edible uses	[1]	
Soap		[1]
Other uses	[1]	[1]
Palm—	Crude	Refined
Soap	[1]	[1]
Lubricants and greases	[1]	[1]
Other uses	3,011,000	[1]
Palmkernel—	Crude	Refined
Soap		
Peanut—	Crude	Refined
Refining	10,500,000	
Sulphonation		126,000
Hydrogenation		1,184,000
Deodorizing		5,040,000
Winterizing for salad oil		
Shortening		281,000
Oleomargarin		[1]
Other edible uses	[1]	712,000
Soap	[1]	[1]
Other uses		234,000
Perilla—		All grades
Paint and varnish		
Rapeseed—		
Lubricants and greases		205,000
Sesame—		
All uses		4,000
Soybean—	Crude	Refined
Refining	124,418,000	
Fat-splitting	[1]	
Sulphonation	21,000	38,000
Hydrogenation		31,620,000
Deodorizing		3,439,000
Winterizing for salad oil		[1]
Shortening	[1]	49,254,000
Oleomargarin		[1]
Other edible uses		4,534,000
Soap	111,000	41,000
Paint and varnish	255,000	7,031,000
Chemicals	[1]	[1]
Lubricants and greases	20,000	6,000
Linoleum and oilcloth	[1]	3,415,000
Other uses	3,324,000	4,442,000
Tallow—		Pounds All grades
Soap		
Lubricants and greases		626,000
Other uses		[2]
Tung—		All grades
Paint and varnish		6,280,000
Chemicals		[1]
Lubricants and greases		
Linoleum and oilcloth		478,000
Other uses		900,000
Vegetable, not specified—		Pounds All grades
Refining		3,512,000
Fat-splitting		3,532,000
Hydrogenation		2,171,000
Sulphonation		71,000
Winterizing for salad oil		3,538,000
Shortening		145,000
Oleomargarin		1,582,000
Other edible uses		574,000
Soap		3,223,000
Paint and varnish		75,000
Linoleum and oilcloth		127,000
Chemicals		2,540,000
Lubricants and greases		161,000
Other uses		14,766,000

Fats and Greases

Grease and lard oil—		Pounds
Sulphonation		188,000
Soap		
Lubricants and greases		1,227,000
Other uses		600,000
Grease, not specified—		
Refining		
Fat-splitting		4,014,000
Winterizing and pressing		
Sulphonation		7,000
Hydrogenation		911,000
Pressing		5,608,000
Soap		28,639,000
Lubricants and greases		991,000
Other uses		184,000
Lard—	Rendered	Refined
Shortening	[2]	[2]
Oleomargarin	404,000	[2]
Hydrogenation	1,785,000	[2]
Other edible uses	314,000	242,000
Soap		
Lubricants and greases	78,000	38,000
Other uses	25,000	[2]
Stearin, animal—	Edible	Inedible
Shortening	1,596,000	
Oleomargarin	288,000	
Other edible uses	141,000	
Soap		[2]
Other uses	[2]	63,000
Stearin, vegetable—		
Shortening		6,476,000
Oleomargarin		831,000
Hydrogenation		2,814,000
Other edible uses		122,000
Other uses		
Tallow, edible—	Crude	Refined
Refining	[2]	
Hydrogenation	[2]	[2]
Pressing	2,756,000	
Shortening	935,000	423,000
Other edible	231,000	[2]
Soap	626,000	
Lubricants and greases	[2]	[2]
Other uses	16,000	12,000
Tallow, inedible—	Crude	Refined
Refining	25,199,000	
Fat-splitting	12,575,000	
Hydrogenation	750,000	[2]
Sulphonation	362,000	[2]
Soap	52,642,000	23,293,000
Lubricants and greases	2,072,000	[2]
Other uses	3,968,000	126,000

Fatty Acids and Acid Stocks

Animal fat and oil fatty acids, not specified—	
Winterizing and pressing	6,769,000
Soap	891,000
Lubricants and greases	349,000
Other uses	4,909,000
Animal oil foots (100 percent basis)—	
Soap	1,861,000
Other uses	[2]
Fatty acid stocks, not specified—	
Refining	
Fat-splitting	[2]
Sulphonation	
Soap	182,000
Paint and varnish	36,000
Linoleum and oilcloth	
Lubricants and greases	[2]
Other uses	63,000
Fish and marine mammal oil fatty acids—	
Sulphonation	46,000
Paint and varnish	69,000
Lubricants and greases	
Other uses	106,000
Fish and marine mammal oil foots (100 per cent basis)—	
All uses	[2]
Olive oil foots (including sulphur oil)—	
Soap	301,000
Red oil—	
Sulphonation	216,000
Soap	1,766,000
Paint and varnish	24,000
Chemicals	565,000
Lubricants and greases	184,000
Other uses	1,524,000
Stearic acid—	
Sulphonation	7,000
Soap	243,000
Paint and varnish	25,000
Lubricants and greases	312,000
Chemicals	516,000
Other uses	2,779,000
Vegetable oil fatty acids—	
Sulphonation	[2]
Hydrogenation	[2]
Soap	2,521,000
Paint and varnish	682,000
Lubricants and greases	26,000
Chemicals	508,000
Other uses	5,973,000
Vegetable oil foots (100 percent basis)—	
Fat-splitting	10,542,000
Soap	4,494,000
Paint and varnish	46,000
Other uses	[2]

Unclassified

Materials not shown separately—	
Refining	4,371,000
Fat-splitting	4,281,000
Hydrogenation	5,517,000
Sulphonation	774,000
Pressing	[2]
Shortening	14,062,000
Oleomargarin	301,000
Soap	1,941,000
Paint and varnish	421,000
Linoleum and oilcloth	[2]
Chemicals	2,323,000
Lubricants and greases	408,000
Other uses	6,185,000

[1] Included in "Vegetable oils, not specified," including small quantities for items for which data are not reliable.

[2] Included in "Materials not shown separately," including small quantities for items for which data are not reliable.

[3] Not shown to avoid disclosure of individual operations.

Zinc Concentrates Supply Seen Lagging at Year End

Speaking before the annual meeting of the American Zinc Institute in St. Louis last week, Howard I. Young, president of the American Zinc, Lead & Smelting Company, declared that the major problem that will confront the zinc industry in 1950 will be a sufficient supply of zinc concentrates during the last half of the year to maintain smelting production of all the currently operating plants at or near capacity.

The domestic concentrate picture, he said, indicates that we must have from foreign sources this year sufficient zinc concentrates imports to produce approximately 350,000 tons of slab zinc. This means that we must import in the neighborhood of 750,000 tons of foreign zinc concentrates, which we have thus far never done, he added.

Continuing in the same vein, Mr. Young said that "during the first two months of this year there was imported ore containing approximately 40,000 tons of zinc. It is, therefore, quite evident that the imports of foreign concentrates during the last half of the year must be substantially increased.

"Those ores coming from Canada will, no doubt, flow in at a normal rate. In Mexico we are presently faced with labor strikes and poor railway facilities, both of which will have a tendency to retard delivery of the normal tonnage that would come from Mexican mines. Recent announcements by the major producing company in Mexico indicate a reduction in lead production, which move will also reduce the zinc output.

"I am sure from the current picture you will agree with me that our principal problem in the zinc industry in the near future will be the supply of zinc concentrates."

Edward H. Snyder, president of the Combined Metals Reduction Company, Salt Lake City, Utah, was reelected president of the institute at the annual meeting of the board of directors on April 11. Other officers returned to their posts were:—

Vice-presidents, Clarence Glass, Anaconda Sales Company; George Mixter, United States Smelting, Refining & Mining Company, and Raymond F. Orr, Athletic Mining & Smelting Company; treasurer, Erle V. Daveler, American Zinc, Lead & Smelting Company, and executive vice-president and secretary, Ernest V. Gent.

ADMA Members Participate In Narcotic Drugs Research

Nine member firms of the American Drug Manufacturers Association have contributed or pledged contributions amounting to $23,000 for two research projects on synthetic narcotic drugs.

One of the projects, to be carried on by Dr. Maurice H. Seevers of the University of Michigan, is a study of monkeys as an animal for predicting addiction liabilities of synthetic analgesics; the other, by Dr. Henry K. Beecher of the Massachusetts General Hospital, is to evaluate the potency of analgesics on patients.

The nine contributing firms are:—Lilly Research Laboratories; Endo Products, Inc.; Parke, Davis & Co.; Hoffmann-La Roche, Inc.; Winthrop-Stearns, Inc.; Merck & Co.; Mallinckrodt Chemical Works; New York Quinine & Chemical Works, Inc., and Upjohn Company.

Fertiliser Society Meeting Date Changed to April 21

The Fertiliser Society will hold its next general meeting on April 21 in the lecture hall of the Royal Society of Tropical Medicine and Hygiene, London. The date of the meeting had previously been announced as April 13.

Included on the program will be a paper by R. M. Collins, entitled "The Mining and Preparation of Florida Land Pebble Phosphate"; a film by H. A. Voss on the "Operations of the International Minerals & Chemicals Corporation in Florida," and a paper by John O. Hardesty and Dr. Kenneth G. Clark, USDA, entitled "Fertilizer Technology Research in the United States Department of Agriculture."

Nat. Academy of Science Plans Apr. 24-26 Meeting

The National Academy of Science will hold its annual meeting this year April 24 to 26 at its headquarters building Washington, D. C. The first and last days of the meeting will be devoted to papers on a variety of technical subjects. All of the afternoon of April 24 will be devoted to papers on cortisone.

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Current Market Quotations

Chemicals and Related Materials

April 14, 1950

Unless otherwise indicated, listings are first-hand quotations on large lots, f.o.b. New York. Changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4. The figures in the two columns do not represent bid and asked prices nor a range over the week. They are the quotations prevailing on the date above, on the basis of differences in one or more of these factors:—Quantity, quality, locality, individual supplier's views.

All matters under this heading fully protected by copyright.

A

Acacia (see Gum, arabic).
Acenaphthene, m.p. below 92.5 C., dms., works lb. .40 - —
above 92.5 C, dms., works lb. .50 - —
Acetaldehyde, 99%, dms., c.l., frt. equald lb. .11½ - —
l.c.l., frt. equald lb. .12 - .12½
tanks, frt. equald lb. .09½ - —
Acetaldol (see Aldol).
Acetamide, tech., fib., dms lb. .45 - —
Acetanilide, tech., bbls., c.l., dlvd. or frt. equald lb. .22 - —
l.c.l., ton lots lb. .23 - —
smaller lots lb. .26 - —
USP, bbls., 2,000-lb. lots lb. .50 - —
smaller lots lb. .56 - —
Acetic anhydride, dms., c.l., frt. alld. E lb. .13 - —
l.c.l., frt. alld. E lb. .14½ - —
tanks, frt. alld. E lb. .11½ - —
Acetoacetanilide, bbls., dlvd lb. .67½ - —
fib. dms., c.l., dlvd lb. .66½ - —
l.c.l., dlvd lb. .67½ - —
Acetoacetorthoanisidide, fib. dms., works, 500 lbs. or more lb. 1.50 - —
smaller tots, same basis lb. 1.75 - —
Acetoacetorthochloranilide, bbls., dlvd lb. 1.15 - —
fib. dms., c.l., dlvd lb. 1.14 - —
l.c.l., dlvd lb. 1.13 - —
Acetoacetorthotoluidide, bbls., dlvd lb. .72½ - —
fib. dms., c.l., dlvd lb. .71 - —
l.c.l., dlvd lb. .72 - .78
Acetone, CP, dms., c.l., dlvd lb. .09 - —
l.c.l., dlvd lb. .09½ - .10
tanks, dlvd lb. .07½ - —
Methyl (see M).
Acetonitrile, dms., c.l., works lb. .43 - —
l.c.l., works lb. .45 - —
Acetophenetidin, USP, bbls., works, frt. equald lb. 1.10 - 1.33
Acetophenone, ens., dms lb. 1.30 - 1.85
tech., l.c.l., dms., works lb. .75 - —
Acetoacetoparaphenetidide, d m s., 500 lbs. or more, works lb. 1.63 - —
smaller lots, same basis lb. 1.90 - —
Acetyl chloride, cbys., works lb. 50 - .60
Acetyltributyl citrate, dms lb. .43 - .45
smaller pkgs lb. .48 - .54
Acetyltriethyl citrate, dms lb. .36 - .38
smaller pkgs lb. .41 - .47
Acid, abietic, com'l, dms., c.l., works lb. .10 - —
l.c.l., works lb. .1145- —
cryst., dms., c.l., works lb. .05½- —
l.c.l., works lb. .06 - .06½
Acetic, com'l or redist., 23%, bbls. 100 lbs. 4.00 - —
56%, bbls. 100 lbs. 7.00 - —
70%, bbls. 100 lbs. 8.40 - —
80%, bbls. 100 lbs. 9.40 - —
glacial, synthetic, CP, dms., works 100 lbs. 13.00 - —
cbys., works 100 lbs. 18.00 -22.00
USP, cbys., works 100 lbs. 13.50 -17.50
tech., dms., c.l., works 100 lbs. 9.00 - 9.50
l.c.l., works 100 lbs. 9.50 -10.00
tanks, works 100 lbs. 7.50 - —

Acetic acid price ranges above are for 40 bbls. or more and for smaller lots. Carboys and cases are 50c. per 100 lbs. higher.

Acetic annydride (see Acetic anhydride above).
Acetylsalicylic, USP, special, bbls., makers, primary distrib., point of ship't, 100-lb. lots lb. .55 - —
standard, fine, cryst., gran., (30-40 mesh) powd. (80 mesh), bbls., same basis. lb. .50 - —

Freight equald, ship't identical quantity over standard routes, from N. Y., Phila., Midland, Mich., Chicago and St. Louis.

Aconitic, 5,000 lbs. 1 shipt., dms lb. .49 - —
smaller lots, dms lb. .49½- .54½
Adipic, fib. dms., works lb. .26½- —
Aminoacetic, NF, bbls., frt. adjusted lb. 1.50 1.75
Anthranilic, resub., bbls lb. 2.10 - —
tech., bbls lb. 1.10 - —
Arsenous, tech. (see Arsenic, white). USP (see Arsenic trioxide).
Ascorbic, USP, dms., 500-kilo lots. kilo. 24.50 - —
25-50 kilo lots kilo. 25.00 - —
10-kilo lots kilo. 25.35 - —
5-kilo lots kilo. 25.70 - —
bots., kilo lots kilo. 26.41 - —
500 grams kilo. 27.47 - —
Battery, cbys., c.l., E. works, 100 lbs. 1.60 1.75
l.c.l., E. works 100 lbs. 2.15 2.35
Benzoic, tech., bbls., dms., 100 lbs. or more lb. 43 - —
USP, bbls., dms. 100 lbs. up lb 54 - —
Betahydroxynaphthoic bbls., works lb. 1.25 - —
Boric, tech., 99½%, cryst., bgs., c.l., works ton. 115.25 - —
ton lots, ex whse, N. Y. or Chi ton. 160.00 - —
less ton lots, same basis. ton. 165.00 - —
bbls., c.l., works ton. 135.25 - —
ton lots, ex whse., N. Y. or Chi ton. 180.00 - —
less ton lots, same basis. ton. 185.00 - —
bulk, c.l., works ton. 111.75 - —
gran., bgs., c.l., works ton. 90.25 - —
ton lots, ex whse., N. Y. or Chi ton. 135.00 - —
less ton lots, same basis. ton. 140.00 - —
bbls, c.l., works ton. 110.25 - —
ton lots, ex whse., N. Y. or Chi ton. 155.00 - —
less ton lots, same basis. ton. 160.00 - —
Acid, boric, tech., 99½%, gran., bulk, c.l., works ton. 86.75 - —
powd., bgs., c.l., works ton. 95.25 - —
ton lots, ex whse., N. Y. or Chi ton. 140.00 - —
less ton lots, same basis. ton. 145.00 - —
bbls., c.l., works ton. 115.25 - —
ton lots, ex whse., N. Y. or Chi ton. 160.00 - —
less ton lots, same basis. ton. 165.00 - —
bulk, c.l., works ton. 91.75 - —
USP $25 per ton higher.
Broener's, bbls lb. 1.34 - —
Butyric, 99%, dms., c.l., works lb. .34½- —
l.c.l., works lb. .35 - —
tankcars, works lb. .33 - —
Cacodylic, bots. lb. 10.00 -11.00
Camphoric, natural, dms lb. 5.00 - 5.65
synth., dms lb. 4.00 - 4.75
Capric, tech., dms lb. .40½- —
Caprylic, dms lb. .40½- —
Castor oil, split, dms lb. .27 - .27½
Chlorosulphonic, dms., c.l., works. lb. .03¼- —
l.c.l., works lb. .03¾- —
tanks, works lb. .02¾- —
Chromic, 99½-99¾%, dms., c.l. works lb. .25½- —
l.c.l., works lb. .26 - .27
USP (see Chromium trioxide).
Cinnamic, refd., bots lb. 2.50 - 4.00
Citric, anhyd., gran., fine gran., dms., c.l. lb. .26½- —
10,000 lbs., 1 ship't lb. .27 - —
smaller lots lb. .27½- —
kgs. lb. .28½- —
Anhydrous citric acid powder, ½c. per lb higher.
USP, cryst., dms., c.l. lb. .27½- —
10,000 lbs., 1 ship't lb. .28 - —
smaller lots lb. .28½- —
kgs. lb. .29½- —
gran., fine gran., dms., c.l. lb. .24½- —
10,000 lbs., 1 ship't lb. .25 - —
smaller lots lb. .25½- —
kgs. lb. .26½- —
USP citric acid powder ½c. per lb. higher.
Cleve's, mixed, bbls lb. .65 - .66
Coconut oil, dist., dms lb. .23¼- .24½
double dist., dms lb. .25¼- .26¼
Corn oil, s.d., dms lb. .10 - .10½
Cottonseed oil, dist., dms lb. .09¼- .10¼
Cresylic, dom., coaltar, 50% above 207°C, non-ret. dms., c.l., frt. equald gal. .81 - 96
l.c.l., non-ret. dms., same basis gal. .84 - .99
ret. dms., c.l., same basis gal. .78 - —
l.c.l., same basis gal. .81 - —
Acid, cresylic, dom., coaltar, 50% above 207°C, tanks, same basis gal. .70 - .83
204° to 207° C, non-ret. dms., c.l., same basis gal. .86 - .96
l.c.l., same basis gal. .90 - .99
ret. dms., c.l., same basis, gal. .83 - —
l.c.l., same basis gal. .98 - —
tanks, same basis gal. .75 - .83
petroleum, 179°C to 198°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .72½- —
l.c.l., same basis gal. .74½- .76½
tanks, same basis gal. .62 - —
195° to 213°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .60½- —
l.c.l., same basis gal. .62½- .64½
tanks, same basis gal. .50 - —
200°C to 222°C, tanks, Wilmington, Cal gal. .50 - —
211°C to 236°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .58½- —
l.c.l., same basis gal. .60½- .62½
tanks, same basis gal. .48 - —
220°C to 242°C, tanks, Wilmington, Cal gal. .46 - .51
237°C to 265°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .56½- —
l.c.l., same basis gal. .58½- .60½
tanks, same basis gal. .46 - —
245°C to 298°C, tanks, Wilmington, Cal gal. .46 - —
295°C to 325°C, tanks, Wilmington, Cal gal. .36 - —
imported, coaltar, 75% at 215°C or over, dms., c.i.f. gal. .46 - .50
Crotonic, fib dms., works lb. .29 - —
Cyanoacetic, tech., bbls lb. .90 - 1.25
Desoxycholic lb. 17.00 -22.00
Dichlorophenoxyacetic, (see "D", 2, 4-D)
Diethylbarbituric (see Barbital).
Diglycolic, bgs., works lb. .22 - —
Ethylhexoic, dms., c.l., works lb. .31 - —
l.c.l., works lb. .31½- —
tanks, works lb. .29½- —
F, bbls., works lb. 1.87 - 1.93
Folic, bots., fib. etns., kilo or more gram. 2.00 - —
Formic, 85%, cbys., c.l., works lb. .13 - .13¼
l.c.l., works lb. .13½- .14
90%, cbys., c.l., works lb. .13½- .14
l.c.l., works lb. .14 - .14½
Fumaric, tech., bbls., dms lb. .30 - .31
Gallic, NF VII, bbls., 1,000-lb. lots lb. 1.60 - —
smaller lots lb. 1.63 1.65
technical, bbls., 1,000-lb. lots lb. 1.43 - —
smaller lots lb. 1.46 - 1.48
Gamma, bbls lb. 1.20 - —

Abbreviations
Used in OPD Market Quotations

ACS	American Chemical Society	dist.	distilled	neut.	neutral.
		dextro.	dextrorotatory	NF	National Formulary
alld.	allowed	distr.	distributor		
ammo.	ammonia	djns.	demijohns	nom.	nominal
amorph.	amorphous	dlvd.	delivered	No.	number
anhyd.	anhydrous	dms.	drums	ord.	ordinary
a.p.a.	available phosphoric acid	dom.	domestic	oz.	ounce
		E.	east	Pac.	Pacific
artif.	artificial	e.p.	end point	pf.	proof
ASTM.	American Society for Testing Materials	equald.	equalized	phos.	phosphate
		F.	fahrenheit	photo.	photographic
		ferment.	fermentation	pkgs.	packages
Be.	Baume	ffa.	free fatty acid	powd.	powdered
bgs.	bags	ffc.	free from chlorine	precip.	precipitated
bbls.	barrels			prod.	producer
bls.	bales	fib.	fiber	pt.	point
bots.	bottles	f.o.b.	free on board	pulv.	pulverized
b.p.	boiling point	F.P.A.	free of prussic acid	purif.	purified
b.p.l.	bone phosphate of lime	frt.	freight	redist.	redistilled
		fus.	fused	refd.	refined
b.r.	boiling range			refy.	refinery
bxs.	boxes	gal.	gallon	reg.	regular
C	centigrade	gran.	granular	resub.	resublimed
cbys.	carboys	grd.	ground	ret.	returnable
CD	completely denatured	i.&a.	iron and aluminum	SD	specially denatured
c.i.f.	cost, insurance, freight	i.b.p.	initial boiling point	s.d	single distilled
				S. E.	southeast
cks.	casks	imp.	imported	secs.	seconds
c.l.	car lots	incl.	included	s.g.	specific gravity
cns.	cans	indust.	industrial	ship't	shipment
col.	color			solut.	solution
com'l	commercial	kgs.	kegs	s.u.	standard unit
conc.	concentrated	lacq.	lacquer	synth.	synthetic
CP	chemically pure	lb.	pound	tech.	technical
cps.	centipoises	l.c.l.	less than car lots	USP	U. S. Pharmacopoeia
cryst.	crystal	liq.	liquid		
cs.	cases	m.a.p.	mixed aniline point	vis.	viscosity
ctns.	cartons			VM&P	varnish makers & painters
cyls.	cylinders	min.	minimum		
dbl.	double	m.p.	melting point	W	west
denat.	denatured	N.	nitrogen	w.w.	water white
dest.-dist.	destructive-distilled	nat.	natural	whse.	warehouse

A unit-ton is 2,000 pounds of 1 percent of the basic constituent or other standard of the material. The percentage figure of the basic constituent multiplied by the price figure shown, gives the price of 2,000 pounds of the material

Acid, gluconic, tech., 50%, bots. lb. .23 - .31
dms. lb. .14 - —
kgs. lb. .16 - —
Glutamic, laevo, 99%, fiber dms., 100 lb. lots, works lb. 2.30 - 2.40
25 lb. lots lb. 2.45 - —
Glycerophosphoric, 33%, dms., works lb. 2.15 - 2.25
Glycolic (see Acid, hydroxyacetic).
H, 100% basis, bbls., works lb. .73½- —
Hydriodic, 45-47%, cbys lb. 2.37 - 2.59
57%, cbys lb. 2.86 - —
Hydrobromic, medicinal, 48%, cbys., dlvd. E lb. .38 - —
tech., 48%, cbys., dlvd. E lb. .34 - .36
34%, cbys., dlvd E lb. .35 - .37
Hydrochloric (see Acid, muriatic).
Hydrocyanic, cyls., works lb. 1.00 - —
dilute, NF, 2%, 3-lb. bots lb. .37 - —
Hydrofluoric, anhyd., cyls., works. lb. .19 - .19½
tanks, works lb. .16½- —
30%, wood or rubber, dms., works lb. .08½- .09
70%, steel dms., works lb. .143 - .149
Hydrofluosilicic, 30-35%, bbls lb. .08 - .09
Hydroxyacetic, tech., 70%, bbls., non-return., Phila lb. .064 - —
tanks, Belle, W. Va., 100% basis lb. .065 - —
Hypophosphorus, purif., 50%, cbys. lb . 1.30 - 1.32
USP, cbys lb. .76 - —
J, bbls., works, 100% basis lb. 2.50 - 2.85
L, bbls., works lb. .95 - —
Lactic, edible, 50%, bbls., 20 or more lb. .16 - .18
smaller lots lb. .17 - .19
60%, bbls., 20 bbls. or more. lb. .283 - .338
plastic grade, 50%, bbls., 20 or more lb. .19¾- —
10 or less lb. .20¾- —
80%, bbls., 5 or less lb. .3495- .3548
tech., 22%, bbls., r.l., works 100 lbs. 5.80 - —
l.c.l., works 100 lbs. 6.20 - —
cbys., works 100 lbs. 6.70 - —
44%, bbls., c.l., works 100 lbs. 10.95 - —
l.c.l., bbls., works 100 lbs. 11.35 - —
cbys., works 100 lbs. 11.85 - —
NF, 85%, cbys lb. .69 - .72
Laurent's, bbls lb. .87 - —
Lauric, dist., 85-90%, dms lb. .28 - .28½
60%, dms. lb. .25 - .25½
Linseed oil, reg. dist., dms lb. .2150- .2210
water-white, dms lb. .2450- .2510
Maleic, powd., dms lb. .30 - .31
Anhydride (see M).
Malic, dms lb. .45 - —
Mandelic, NF, dms., 1,000-lb. lots lb. 1.85 - —
smaller lots lb. 1.90 - 2.10
Methacrylic, dms., c.l., and truckloads, works lb. .76 - —
less than truckload, works lb. .76½- .80
Mixed, tanks, nitric unit lb. .05 - .06
sulphuric unit lb. .0065- .009
Molybdic, dms., 85%-92%, works lb. .88 - —
Monochloroacetic, purified, flake, 99%, dms lb. .22¾- .23½
tech., flake, 96-97%, bbls lb. .18 - .19
Muriatic, 18°, cbys., c.l., works, 100 lbs. 1.65 - 1.70
l.c.l., works 100 lbs. 2.05 - 2.75
tanks, works ton. 20.00 - —
20°, cbys., c.l., works 100 lbs. 1.90 - 1.95
tanks, works ton. 22.00 - —
22°, cbys., c.l., works 100 lbs. 2.40 - 2.43
tanks, works ton. 27.00 - —
CP, USP, consumers, cbys., extra, c.l., frt. equald lb. .07¾- —
l.c.l., same basis lb. .09¼- .09¾
6 pint bottles extra, cs., c.l., frt. equald lb. .12¾- —
l.c.l., same basis lb. .14¼- .15¼
Acid, muriatic, CP, USP, prices to dealers 1½c. per pound less.
Myristic, dist., dms lb. .30½- —
Naphthenic 220-230 acidity, dms., works lb. .13 - —
tanks, works lb. .11 - —
230-240 acidity, dms., works lb. .22 - —
tanks, works lb. .19 - —
Naphthol(1)-4-sulphonic (see Acid, Neville and Winther's)
Naphthol (1)-5-sulphonic see Acid, L).
Naphthol(1)-3-sulphonic,8-amino (see Acid, S).
Naphthol(1)-3,6-disulphonic,8-amino (see Acid, H).
Naphthol(2)-6,b-disulphonic (see Acid, Gamma)
(5)-7-Sulphonic,2-amino (see Acid, J).
Naphtholsulphonic, mixed (see Acid, Cleve's, mixed)
Naphthylamine(1)-3-sulphonic (see Acid, Laurent's).
(2)-6-sulphonic (see Acid, Broener's).
(2)-7-sulphonic (see Acid, F).
(2)-1-sulphonic (see Acid, Tobias).
Neville and Winther's, dms lb. .88 - —
Nicotinic, USP, dms., frt. adjusted kilo. 8.00 - 8.30
Nicotinic amide (see Nicotinamide).
Nitric, 36° cbys., c.l., E. works 100 lbs. 5.00 - —
l.c.l., E. works 100 lbs. 5.40 - 6.10
38°, cbys. c.l., E. works 100 lbs. 5.50 - —
l.c.l., E. works 100 lbs. 5.90 - 6.60
40°, cbys., c.l., E. works 100 lbs. 6.00 - 6.50
l.c.l., E. works 100 lbs. 6.40 - 7.10
42°, cbys., c.l., E. works 100 lbs. 6.50 - 7.00
l.c.l., E. works 100 lbs. 6.90 - 7.60
CP, NF, consumers, cbys., extra, c.l., frt. equald lb. .11½- —
l.c.l., same basis lb. .13 - .13½
6 pint bottles extra, cs., c.l., frt. equald lb. .15½- —
l.c.l. same basis lb. .17 - .18
Acid, muriatic, CP, USP, prices to dealers 1½c. per pound less.
Octoic (see Acid, ethylhexoic).
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Orthocresotinic, dms., ton lots, works lb. .62 - —
smaller lots, works lb. .64 - —

Acid, Oxalic—Alcohol, Propyl

Acid, oxalic, bbls., c.l., works...lb. .14¼- —
10,000 lbs., works.....lb. .14½- —
smaller lots, works.....lb. .15¼- .15¼
Palm oil, white, dist., dms.....lb. .21¼- .21¾
Para-aminobenzoic, purified, dms.,
100 lbs. or more, works..lb. 3.75 - —
smaller lots, works.....lb. 3.85 - 4.00
technical, dms.....lb. 1.84 - —
Para-aminosalicylic, dms., 1,000-lb.
lots or more..lb. 6.50 - —
smaller lots.....lb. 6.55 - 7.50
Paramethylphenylcinchonic (see Neocinchophen).
Paranitrobenzoic cns.....lb. .87 - —
Paratoluidinmetasulphonic, bbls.,
works..lb. .92 - —
Peanut oil, s.d., dms.....lb. .12¾- .13¾
Perchloric, 60%b, cbys., works..lb. .58 - .62
70-72%, cbys., works.....lb. .61 - .66
Phenylacetic, bots.....lb. 1.51 - 1.75
Phenylcinchoninic (see Cinchophen).
Phenylglycollic (see Acid, mandelic).
Phosphoric, food grade, 75%,
cbys., c.l., works, frt.
equald 100 lbs. 6.50 - —
l.c.l., works, frt. alld.
100 lbs. 7.50 - —
tanks, works, frt. equald
100 lbs. 4.50 - —
NF, 85%, cbys., c.l.....lb. .10½- —
For shipments in cbys., add handling charges.
Picramic, bgs.....lb. .65 - .70
Picric, tech., bbls.....lb. .32 - .33
NF, bbls.....lb. .42 - —
Propionic, nat., dms., works....lb. .18 - —
tanks, works.....lb. .17 - —
synth., pure, dms., works....lb. .21 - —
tanks, works.....lb. .19 - —
Pyrogallic, tech., bbls.....lb. No prices.
NF, cryst., dms.....lb. 2.95 - 3.18
resub., dms.....lb. 3.30 - 3.45
Pyroligneous, dms. incl., l.c.l., ex
whse gal. .43 - —

Acid, ricinoleate (see Acid, castor oil, split).
S, bbls., works.....lb. 2.97 - 3.00
Salicylic, crude, bbls.....lb. .28 - —
sublimed, tech., bbls., c.l.....lb. .31 - —
l.c.l.....bl. .38 - —
dyestuffs grade, bbls.....lb. .32 - —
USP, cryst., bbls.....lb. .40 - —
powder, bbls.....lb. .45 - —
Sebacic, purified, dms., c.l., works,
lb. .47 - —
l.c.l., works.....lb. .49 - .53
Soybean oil, single dist., dms..lb. .10¾- .11¾
double dist., dms.....lb. .11¾- .12¾
Stearic, double pressed, bgs....lb. .14 - .15¼
single-pressed, bgs.....lb. .13 - .14¼
triple-pressed, bgs.....lb. .16¼- .17½
Succinic, bbls., cryst., purified,
works..lb. .75 - —
tech., bbls., works.....lb. .65 - .75
Sulphanilic, tech., dms., c.l.,
works..lb. .15 - —
l.c.l., works.....lb. .17 - —
Sulphuric, 60° Be, cbys., c.l., works
100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.80 - 2.50
tanks, works.....ton.14.40 -14.50
66° Be, cbys., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.05 - 2.75
tanks, works.....ton.17.75 -18.00
98%, tanks, works.....ton.18.80 -19.00
CP, NF, consumers, cbys., extra,
c.l., works, frt. equald..lb. .07¾- —
l.c.l., same basis.....lb. .09¼- .09¾
5 pt. bottles extra, cs., c.l.,
works, frt. equald..lb. .11¼- —
l.c.l., same basis.....lb. .12¾- .13¾
fuming, 20%, tanks, works..ton.19.85 -20.00
Tallow, dist., dms.....lb. .09¾- .10¼
Tannic, tech., 60-62%, dms....lb. .63 - .69
70-72%, dms.....lb. .80 - .85
75-76%, dms.....lb. .86 - .90

Acid, tannic, fluffy, bbls., 1,000-lb.
lots.....lb. 1.45 - —
smaller lots.....lb. 1.46 - 1.55
powder, bbls., 1,000-lb. lots lb. 1.35 - —
smaller lots.....lb. 1.36 - 1.50
Tartaric, USP, dom., 230, 250 lb.
dms., 10,000 lbs., 1 ship't,
lb. .31½- —
smaller lots.....lb. .32 - —
100-lb. dms.....lb. .33 - —
small, dms.....lb. .35 - .37
imported, kgs.....lb. .28 - .30
Thioglycolic, refined, bbls., cbys.,
basis 100%..lb. 1.60 - 1.80
tech., bbls., cbys., basis 100% lb. 1.40 - —
Tobias, bbls.....lb. .65 - —
Trichlorocacetic, bots.....lb. 2.00 - 2.50
Toluenesulphonic, dms., c.l.,
works..lb. .18½- —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .17 - —
Tungstic, tech., kgs., works....lb. 2.20 - 2.40
Aconite leaves, bls.....lb. .55 - .60
Root, bls.....lb. .60 - .70
Aconitine, amorph., mild, bots...oz.27.50 -32.50
cryst., potent, bots.....oz.78.00 -85.00
Acrolein, dms., works.....lb. .50 - —
Acrylonitrile, dms., c.l., works..lb. .40½- —
l.c.l., works.....lb. .41 - .60
tanks, works.....lb. .39 - —
Adeps lanae (see Lanolin)
Adonis vernalis herb, bls.....lb. .30 - .40
Agar, USP, Kobe, No. 1 strip, bls
lb. 1.30 - —
powdered, 30 mesh, fib. dms lb. 1.65 - —
Agaric, white, bls.....lb. 1.50 - 1.75
Agrimony herb, bls.....lb. .30 - .35
Alanine, dextro-laevo, dms., works,
lb. 8.50 -11.00
Albumen (egg), edible, flake, bbls lb. 1.20 - 1.23
powd., bbls.....lb. 1.25 - 1.28
tech., cryst., bbls.....lb. .78 - .85

Albumin, blood, dark (see Blood, dried, soluble)
light, dms., l.c.l.....lb. .67½- .72½
Egg (see Albumen).
Alcohol, allyl, dms., c.l., dlvd....lb. .31½- —
works.....lb. .32½- —
l.c.l., dlvd.....lb. .32½- —
works.....lb. .33 - —
tanks, dlvd.....lb. .30 - —
works.....lb. .31 - —
Amyl, ex pentane, dms., c.l., frt.
alld. E. of Miss..lb. .16 - —
l.c.l., frt. alld. E. of Miss lb. .17 - —
tanks, frt. alld. E. of Miss lb. .15 - —
(see also Fusel oil, ref.)
fermentation, refined, 126-132°C,
dms., c.l., dlvd..lb. .33½- —
l.c.l., dlvd.....lb. .34½- —
tanks, dlvd.....lb. .32 - —
128-132°C, dms., l.c.l., dlvd.
lb. .36 - —
ACS grade, dms., l.c.l.,
dlvd..lb. .42 - —
Benzyl, dms.....lb. .60 - .85
tech., dms., works, frt. equald.
lb. .45 - .50
Butyl, fermentation, normal, Ill.,
Ind. prod., dms., c.l., frt.
alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14½- —
tanks, frt. alld.....lb. .12 - —
tankwagon, frt. alld..lb. .12½- —
other production, dms., c.l.,
frt. alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14½- —
tanks, frt. alld.....lb. .12 - —
synthetic, normal, dms., c.l., frt.
alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14½- —
tanks, frt. alld.....lb. .12 - —
secondary, dms., c.l., frt. alld.
lb. .10½- —
l.c.l., dlvd., frt. alld....lb. .11 - —
tanks, dlvd., frt. alld....lb. .09 - —
tertiary, dms., c.l., frt. alld.
lb. .13½- —
l.c.l., frt. alld.....lb. .14 - —
tanks, frt. alld.....lb. .12 - —
Capryl, dms., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
tanks, works.....lb. .25 - —
Cetyl, dom., CP., fiber cns., 1,000
lbs..lb. 1.50 - —
smaller lots.....lb. 1.55 - —
Cinnamic, bots.....lb. 2.75 - 2.95
Denatured, CD12, CD13, CD14,
dms., dlvd. E. of Miss. R.
gal. .47½- .48½
l.c.l., dlvd. E. of Miss. R.
gal. .51½- .57½
tanks, dlvd. E. of Miss. R gal. .37½- .38½
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf. dms., c.l., dlvd.
E. of Miss. R..gal. .47 - —
l.c.l., same basis.....gal. .51 - .56
tanks, same basis.....gal. .37 - —
SD2B, dms., c.l., E. of Miss. R.
gal. .46 - —
l.c.l., same basis.....gal. .50 - .55
tanks, same basis.....gal. .36 - —
SD3A, dms., c.l., E. of Miss. R
gal. .45½- —
l.c.l., same basis.....gal. .49½- .54½
tanks, same basis.....gal. .35½- —
SD23A, dms., c.l., E. of Miss. R.
gal. .48 - —
l.c.l., same basis.....gal. .52 - .57
tanks, same basis.....gal. .38 - —
SD23H, dms., c.l., E. of Miss. R.
gal. .48 - .48½
l.c.l., same basis.....gal. .52 - .57½
tanks, same basis.....gal. .38 - .38½
SD27A, dms., c.l., E. of Miss. R.
gal. .77½- —
l.c.l., same basis.....gal. .81½- .86½
tanks, same basis.....gal. .67½- —
SD30, dms., c.l., E. of Miss. R.
gal. .45½- —
l.c.l., same basis.....gal. .49½- .54½
tanks, same basis.....gal. .35½- —
SD35A, dms., c.l., E. of Miss. R.
gal. .48 - —
l.c.l., same basis.....gal. .52 - .57
tanks, same basis.....gal. .38 - —
SD40, dms., c.l., E. of Miss. R.
gal. .46½- —
l.c.l., same basis.....gal. .50½- —
tanks, same basis.....gal. .36½- —
Proprietary solvent, dms., c.l.,
dlvd. E. Miss. R..gal. .48½- —
l.c.l., same basis.....gal. .52½- .57½
tanks, same basis.....gal. .38½- —
Tankcar sales require written authorization by Alcohol Tax Unit.
Special solvent (see Alcohol, denat., proprietary).
Diacetone, acetone free, dms., c.l.,
dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
tanks, dlvd.....lb. .12 - —
tech., dms., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
tanks, dlvd.....lb. .11½- —
Ethyl, 190 pf., USP, tax paid, dms.,
c.l., dlvd. E. Miss. R..gal.17.55 - —
l.c.l., same basis.....gal.17.59 -17.64
tanks, same basis.....gal.17.45 - —
tax free, dms., c.l., dlvd. E.
Miss. R..gal. .45 - —
l.c.l., same basis.....gal. .49 - .54
tanks, same basis.....gal. .35 - —
absolute, 200 pf., tax paid, dms.,
c.l., same basis..gal.18.50 - —
l.c.l., same basis.....gal. .18.54 -18.59
tanks, same basis.....gal. 18.40 - —
Ethylhexyl, dms., c.l., works....lb. .30 - —
l.c.l., same basis.....lb. .30½- —
tanks, same basis.....lb. .28½- —
Furfuryl, tech., cns., works....lb. .30 - —
dms., c.l., works.....lb. .21½- —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .18 - —
Isoamyl (see Alcohol, amyl refined, fermentation).
Isobutyl, dms., c.l., dlvd.....lb. .13½- —
l.c.l., works.....lb. .14½- —
tanks, dlvd.....lb. .12 - —
Iso-octyl, dms., c.l., works.....lb. .29¼- —
l.c.l., works.....lb. .29¾- —
tanks, works.....lb. .27¾- —
Isopropyl, refd., 91%, dms. incl.,
c.l., dlvd..gal. .42 - —
l.c.l., dlvd.....gal. .45 - —
tanks, dlvd.....gal. .32 - —
95%, dms. incl., c.l., dlvd..gal. .43½- —
l.c.l., dlvd.....gal. .46½- —
tanks, dlvd.....gal. .33½- —
99%, dms., incl., c.l., dlvd gal. .45 - —
l.c.l., dlvd.....gal. .48 - —
tanks, dlvd.....gal. .35 - —
Methyl (see Methanol).
Methylamyl (see Carbinol, methyl-isobutyl).
Nonyl (see Trimethylhexonal).
Octyl, perfumer's grade, bots..(lb. 2.15 - 3.25
technical (see Octanol normal).
Pantothenyl (see Panthenol).
Phenylethyl, cns.....lb. 1.40 - 1.70
Polyvinyl, type A, fiber-pack, Niagara Falls lb. .65 - .70
type B, fiber-pack, same basis
lb. .60 - .68
Propyl, normal, dms., c.l., dlvd.
lb. .09½- —
works.....lb. .08 - —
l.c.l., dlvd.....lb. .10 - —
works.....lb. .08½- —
tanks, dlvd.....lb. .08 - —
works.....lb. .06½- —

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Alcohol, salicyl (see Saligenin).
Tetrahydrofurfuryl, cns., Cedar Rapids, Ia..lb. .47 • —
dms., c.l., Waverly, N. Y. ...lb. .40 • —
l.c.l., same basis.....lb. .44 • —
tanks, Niagara Falls, N. Y. ..lb. .36 • —
Aldol, 95%, dms., works.....lb. .15 • .16
denaturing grade, dms. .....gal. 1.33 • 1.48
Aletris root, bgs. .....lb. 1.50 • 1.60
Algin, bbls., fib. dms.....lb. .76 • 1.20
Alizarin (see Red, alizarin)
Alkanet root, bgs.....lb. .35 • .40
Allethrin, 100%, dms., 1 to 10 dm. lots..lb.45.00 • —
smaller lots, works.....lb.50.00 -55.00
solution, 20%, dms., 100 lb.-lots, works..lb. 9.00 • —
10%, dms., works.....gal.37.75 • —
2%, dms., works.....gal. 7.75 • —
Allspice, Jamaica (see Pimento).
Guatemalan, bgs.....lb. .19 • .19½
Allyl bromide, cnyd., 5,000 lbs., works..lb. .99 • —
smaller lots, works.....lb. 1.05 • 1.10
Chloride, dms., c.l., dlvd.....lb. .16½- —
l.c.l., dlvd. .....lb. .17 • —
tanks, dlvd. .....lb. .15 • —
Starch, solid, dms., works.....lb. .38 • —
solution, 40%, dms., works...lb. .279 • .297
50%, dms., works.....lb. .446 • —
Aloe, Cape, cs .....lb. .21 • .23
Curacao, kgs.....lb. .35 • .36
Socotrine, kgs .....lb. .35 • .36
Aloin, USP, bbls., dms., kgs.....lb. 3.50 • —
Alphacellulose, bgs., c.l., works..lb. .04 • .15
Alphanaphthol, bbls.....lb. .70 • —
Alphanaphthylamine, bbls.....lb. .41 • .42
Alphanaphthylthiourea, 93-93½%, fib. dms., works, frt. alld..lb. 2.00 • 2.40
Alphanitronaphthalene, bbls.....lb. .34 • —
Alphapicoline, ret. dms., c.l., works, frt. equald..lb. .29½- —
l.c.l., works, frt. equald.....lb. .30 • —
Alphapinene, tanks, South, works...gal. No prices.
Alphaterpineol, dms., l.c.l., dlvd. fc. .....lb. .17 • —
Alphatocopherol, bots.....kilo.350.00 • —
Acetate, bots.....kilo.350.00 • —
Althea root, NF, peeled, bls.....lb. .30 • .40
Alum, ammonia, gran., bbls., works, 100 lbs. 3.80 • —
lump, bbls., works.....100 lbs. 4.05 • —
powd., bbls., works....100 lbs. 4.30 • —
USP, burnt, bbls. .....lb. .20 • .21
hydrous, bbls. .....lb. .07¾- .08
Potash, gran., bbls., works 100 lbs. 4.05 • —
lump, bbls., works....100 lbs. 4.30 • —
powd., bbls., works....100 lbs. 4.45 • —
USP, hydrous, bbls. .....lb. .07¾- .08
Potash-chrome, dms .....lb. .17 • —
Soda, bbls., c.l., works.....100 lbs. 3.25 • —
l.c.l., dlvd.....100 lbs. 4.25 • 5.00
Alumina, calcined, bgs., c.l., works...lb. .03½- .05
crystalline (see Aluminum oxide).
Aluminum acetate, basic solution, 24%, bbls., l.c.l., works..lb. .11 • —
20%, bbls., l.c.l., works ...lb. .10 • —
Chloride, anhyd., com'l, dms., c.l., works..lb. .11 • .11½
l.c.l., works.....lb. .11½- .12
cryst., com'l, dms., c.l., works.lb. .0650- —
l.c.l., works .....lb. .0690- —
NF, gran., dms., works.....lb. .27 • .33
solution, 32°, cbys., c.l., works.lb. .03¼- —
l.c.l., works.....lb. .04 • —
Fluoride, tech., anhyd., bbls., c.l., works..lb. .10 • —
l.c.l., works.....lb. .11 • .13
Formate, basic solution, cbys., c.l..lb. .09¼- —
l.c.l., works .....lb. .10 • —
Hydrate, heavy, bgs., c.l., frt. equald..ton.50.00 -54.00
l.c.l., works.....ton.72.00 -86.00
light, bgs., dlvd.....lb. .17 • —
Hydroxide, gel, pharmaceutical, 14-15% Al_2O_3, fib. dms., works..lb. .21¼- —
contract, works..lb. .20¼- —
9-9½% Al_2O_3, fib. dms., works..lb. .18¼- —
contract, works..lb. .17¼- —
dried, USP XII, fib. dms., works, lb. .79½- —
contract, works..lb. .76½- —
powder, tech. (see Aluminum hydrate).
Laurate, precip., bbls.....lb. .38½- —
Linoleate, solid, dms., frt. alld..lb. .39½
Metal, 98-99%, ingots, 10,000 lbs. lb. .17 • —
pigs, 10,000 lbs.....lb. .16 • —
Naphthenate, liquid, 1.7%, frt. alld..lb. .24¼- .25
Oleate, dms., precip .....lb. .35¼- —
Oxide, amorphous (see Alumina, calcined).
crystalline, flour, classified, 8-240 mesh, dms., frt. alld..lb. .14 • .15
kgs., ton, frt. alld..lb. .12½- —
smaller lots, frt. alld. lb. .13 • .15
230-400 mesh, dms., frt. alld..lb. .32 • .33
kgs., frt. alld.....lb. .31 • —
500 mesh, dms., frt. alld lb. .35 • .37
kgs., frt. alld.....lb. .34 • —
600 mesh, dms., frt. alld. lb. .51 • .53
kgs., frt. alld .....lb. .50 • —
optical, floated, kgs., dlvd....lb. .36 • .86
unclassified, dms., frt. alld. lb. .16 • .17
kgs., frt. alld .....lb. .15 • —
high-purity, alpha or gamma, ultrafine, dms., works lb.13.50 • —
jars, works lb.15.00 -17.00
Aluminum oxide flour prices ¾c. per lb. higher. W of Denver
Paste, lining, extra fine, dms lb. .53 • —
standard, dms .....lb. .59½- —
Powder, lining, extra fine, dms..lb. .96 • —
standard, dms.....lb. .64½- —
rubber comp., dms .....lb. .43½- —
unpolished, standard, dms....lb. .44½- —
varnish, standard, dms.....lb .49 • —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. per lb. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,999 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier transportation rate will be made from seller's invoice on orders of 200 lbs. or over.

Resinate, precip., dms., frt. alld. .....lb. .24 • —
Stearate, dibasic, ctns., c.l.....lb. .30 • —
l.c.l. .....lb. .31 • —
monobasic, ctns., c.l.....lb. .30 • —
l.c.l. .....lb. .31 • —
tribasic, ctns., c.l.....lb. .30 • —
l.c.l. .....lb. .31 • —
Sulphate, com'l, bgs., c.l., works, equald..100 lbs. 1.50 • —
l.c.l., same basis 100 lbs. 1.90 • —
iron-free, bgs., c.l., works, frt. equald 100 lbs. 2.75 • —
l.c.l., works .....100 lbs. 3.15 • —
NF, gran., dms., works.....lb. .27 • .33
powd., dms., works .....lb .32 • .33
Trihydrate, heavy (see Aluminum hydrate).
Ambergris, gray, bots.....oz. 8.00 -12.00
Aminoazotoluene, bbls.....lb. 1.03 • —
Aminomethylpropanol, cns., dms., works lb. .65 • .69
Aminoethylethanolamine, dms., c.l., works..lb. .42 • —
l.c.l., works .....lb. .42½- —
tanks, works .....lb. .40 • —
Aminophylline, USP, 100-lb. dms..lb. 5.35 • —
Aminopyrine, USP, bots., dms...lb. 6.00 • 6.15
Ammonia, anhydrous, fertilizer, tanks, works..ton.74.00 -75.00
pure, cyls., extra, zone 1....lb. .17 • .17½
2 .....lb. .19 • .19½
3 .....lb. .21 • .21½
4 .....lb. .16 • .19½
refrigeration, tanks, works..ton.76.50 -77.50
Aqua (29.4% NH_3), dms., c.l., works..100 lbs. 3.10 • —
l.c.l., works.....100 lbs. 3.50 • —
tanks, works, anhyd. basis..ton.80.00 -81.00
Ammoniac gum (see Gum, ammoniac)
Sal, gray, bgs., c.l., works, frt. equald..100 lbs. 6.55 • —
l.c.l., same basis..100 lbs. 6.95 • —
white, gran., bgs., c.l., works 100 lbs. 4.60 • —
l.c.l., works.....100 lbs. 6.25 • —
Ammoniacal liquor, tankcars, works, anhyd. basis..ton.75.00 -80.00
Ammonium acetate, purified, dms..lb. .39 • .40
reagent, jars.....lb. .61 • .63
Benzoate, USP, dms., kgs., 4,000 lbs., frt. alld..lb. .80 • —
smaller lots, frt. alld...lb. .81 • 1.05
Biborate, bbls., c.l., works..ton.302.00 • —
ton lots, works .....ton.355.50 • —
less ton lots, works.....ton.360.50 • —
Bicarbonate, dms., works, c.l..lb. .05½- —
l.c.l., works, dms .....lb. .06 • —
Bichromate, bbls., works.....lb. .31 • .36
Bifluoride, dms., dlvd .....lb. .18 • .18½
Bromide, gran., NF, bbls.....lb. .36 • .37
dms. .....lb. .37 • .40
powdered ammonia bromide 10c. per lb. higher.
Carbonate, USP, lump, powd., dms..lb. .18½- .32
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms.....lb. .16 • .19
Citrate, dibasic, bbls.....lb. .75 • —
dms. .....lb. .80 • .85
Fluoride (see Bifluoride).
Hydroxide (see Ammonia aqua).
Hypophosphite, NF, dms.....lb. 2.40 • —
Iodide, NF, jars.....lb. 3.79 • 3.91
Linoleate, praslic, 80%, dms., works..lb. .40½- —
kgs., works .....lb. .42½- —
25%, dms., frt. alld.....lb. .21½- —
tech., bbls., works.....lb. .37 • —
dms., works .....lb. .39 • —
Molybdate, chemical grade, bbls., kgs..lb. .85 • —
metal grade, kgs.....lb. .90 • —
tech. grade, bbls., kgs.....lb. .80 • —
Nitrate, fertilizer grade, Canadian, 32.5% N, bgs., c.l., shipping point..ton.57.50 • —
dom., bgs., western works ton.58.00 • —
Nitrate-dolomite, 20.5% N, bgs., Hopewell, Va..ton.46.00 • —
Oleate, dms., precip .....lb. .23¼- —
Oxalate, fine gran., dms.....lb. .25 • .31
Pentaborate, gran., bbls., c.l., works..ton.212.00 • —
ton lots, works.....ton.265.50 • —
less ton lots, works....ton.270.50 • —
Ammonia pentaborate powder, $10 per ton higher.
Perchlorate, kgs., works.....lb. .50 • .75
Persulphate, kgs.....lb. .25½- .28¼
Phosphate, com'l, bgs., c.l., works..lb. .06 • —
l.c.l., works .....lb. .06½- —
dibasic, NF V, bbls., dms.....lb. .40 • —
tech., bgs., c.l., works.....lb. .08 • —
l.c.l., works.....lb. .08½- —
Salicylate, NF, dms., kgs.....lb. 1.25 • 1.28
Silicofluoride, dms., works..lb. .12 • .13
Sulphamate, bbls., dms., works lb. .18 • .20
Sulphate, coke-oven, bulk, producing ovens..ton.45.00 -50.00
converters', bulk, works....ton.45.00 -50.50
Sulphide, liquid, 40-45% basis, 100% dms., c.l., works. lb. .10½- —
l.c.l., works.....lb. .15½- —
tanks, dlvd. or frt. alld lb. .09 • —
Sulphocyanide, tech. (see Ammonium thiocyanate).
Thiocyanate tech., bbls., c.l., works lb. .15 • —
l.c.l., works.....lb. .16 • .19
Thioglycollate, commercial, 100% basis, cbys..lb. 1.40 • 1.93
highly purified, same basis..lb. 1.70 • 2.25
Thiosulphate, cryst., jars, works lb. .32 • —
Amphetamine citrate, dextro, bots. lb.36.00 • —
dextro-laevo, dms.....lb. 6.50 • —
Amphetamine hydrochloride, dextro, dibasic, bots..lb.36.00 • —
monobasic, bots.....lb.39.00 • —
dextro-laevo, dms.....lb. 6.50 • —
Phosphate, dextro, dibasic, bots. lb.36.00 • —
dextro-laevo, dibasic, dms....lb. 6.50 • —
monobasic, dms.....lb. 6.00 • —
Sulphate, dextro, dms.....lb.36.00 • —
dextro-laevo, dms.....lb. 6.50 • —

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HYDRATED LIME — A fine white, fluffy material, widely used in bleaching powder, causticizing reactions, acid neutralizing and pH control.

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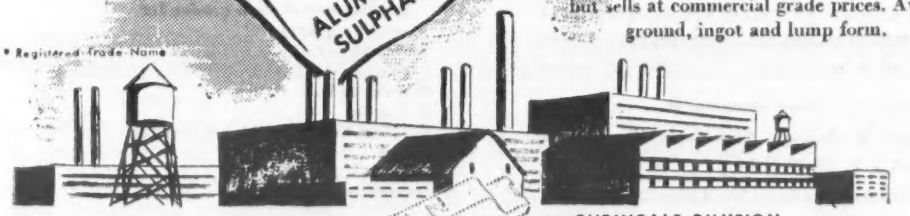
* Registered Trade Name



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ALUMINUM IMPORT CORP. — NEW YORK BUENOS AIRES SAO PAULO

Amyl Acetate—Black, Carbon

Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd lb. .16½- .19½
l.c.l., dlvd lb. .17½- .20½
tanks, dlvd lb. .15 - .18
ex pentane, dms., c.l., frt. alld. E. of Miss. R lb. .16 - —
l.c.l., same basis lb. .17 - —
tanks, same basis lb. .15 - —
Alcohol (see Alcohol, amyl).
Butyrate, dms lb. .90 - 1.00
Nitrite, USP, bots lb. 1.75 - 1.83
Salicylate, cns., dms lb. .76 - .81
Anethol, NF, cns., dms lb. 1.00 - 1.25
Angelica root, dom., bls lb. .65 - .70
imported, bls lb. .70 - .75
Angostura bark, bls lb. .44 - .49
Aniline oil, dms., c.l., works, frt. alld lb. .15 - —
l.c.l., works, frt. alld lb. .16 - —
tanks, works, frt. alld lb. .14 - —
Salt, dms., works lb. .26 - —
Anise, Argentine, bgs lb. No stocks.
Chinese, star lb. .15¾- .16
Czech, bgs. lb. .14½- .15
Cyprus, bgs lb. .20 .20½
Mexican, bgs lb. .15 - .15½
Syrian, bgs lb. .15 Nom.
Turkish, bgs lb. .15 - .15½
Anisic aldehyde, bots., dms lb. 2.10 - 2.65
Annatto powder, dms lb. .24 - .25
Seed, bgs lb. .18 - .20
Anthracene, 80-85%, bbls., works lb. 1.10 - —
90%, bbls., works lb. 1.25 - —
Anthraquinone 99.5% bbls lb. .85 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys lb .29 .30
Metal, bulk, c.l., mines lb. .24½- —
cases lb. .25 - —
Oxide, bgs., c.l., frt. alld lb. .21¾- —
l.c.l., frt. alld lb. .22¾- —

Antimony salt, 65%, bgs., c.l., dlvd. E. of Miss lb. No stocks.
Sulphide, 62-64%, bgs., frt. alld., dlvd lb. .20 - .23
Antimony-potassium tartrate (see Tartar emetic).
Antipyrene, USP, dms lb. 2.35 - 2.45
Apomorphine, USP, bots. oz. .23.20 -23.70
Archil extract, bbls lb. No stocks.
Areca nuts, powd., bbls lb. .15 - .16
Arecoline hydrobromide, NF, bots. oz. 5.00 - 5.75
Arginine hydrochloride, laevo. kilo. 70.00 -80.00
Argols, min. 50%, bgs., shipment ports, per 100 kilos (100% purity) 15.00 -16.25
Arnica, flowers, bls lb. .45 - .75
root, bls lb. 1.45 —
Arrowroot, powd., bgs lb. .12 - .15
Arsenic, metal, lump, bbls., prompt shipt lb. .80 .90
Sulphide, yellow, bbls lb. No stocks
Trioxide, USP, dms lb. .40 - .42
White, powd., bbls., c.l., dlvd lb. .05½- —
l.c.l., dlvd lb. .06¼- .06¾
Asafetida, cs lb. .32 - .35
powd., bbls., dms lb. .50 - .53
Asbestine (see Talc, fibrous, N. Y.).
Asbestos, Canadian, crude, No. 1, c.l. (20 tons), mines ton. 940.00 -960.00
No. 2, c.l. (20 tons), mines ton. 485.00 -492.00
Run-of-mine, c.l. (20 tons), mines ton. 400.00 - —
fiber, 3K, c.l. (20 tons), mines ton. 313.00 - —
3R, c.l. (20 tons), mines ton. 267.00 - —
3T, c.l. (20 tons), mines ton. 249.50 - —
3Z, c.l. (20 tons), mines ton. 231.00 - —
4K, c.l. (20 tons), mines ton. 124.00 - —
4M, c.l. (20 tons), mines ton. 124.00 - —
4T, c.l. (20 tons), mines ton. 111.50 -141.00

Asbestos, Canadian, fiber, 4Z, c.l. (20 tons), mines ton. 111.50 - —
5D, c.l. (20 tons), mines ton. 88.00 - —
5K, c.l. (20 tons), mines ton. 88.00 - —
5M, c.l. (20 tons), mines ton. 84.00 - —
5R, c.l. (20 tons), mines ton. 78.50 -79.00
6D, c.l. (30 tons), mines ton. 58.00 -59.00
7D, c.l. 30 tons), mines ton. 52.00 -52.50
7F, c.l. (30 tons), mines ton. 49.00 -49.50
7H, c.l. (30 tons), mines ton. 41.50 -42.00
7K, c.l. (30 tons), mines ton. 35.00 -35.50
7M, c.l. (30 tons), mines ton. 30.50 -31.00
7R, c.l. (30 tons), mines ton. 29.50 -30.00
7T, c.l. (30 tons), mines ton. 28.00 -28.50
7RF, c.l. (30 tons), mines ton. 30.50 -31.00
7TF, c.l. (30 tons), mines ton. 30.50 -31.00
8S, c.l. (30 tons), mines ton. 19.00 -27.00

Prices quoted above are in U. S. funds. Add $4 per ton for l.c.l. lots.

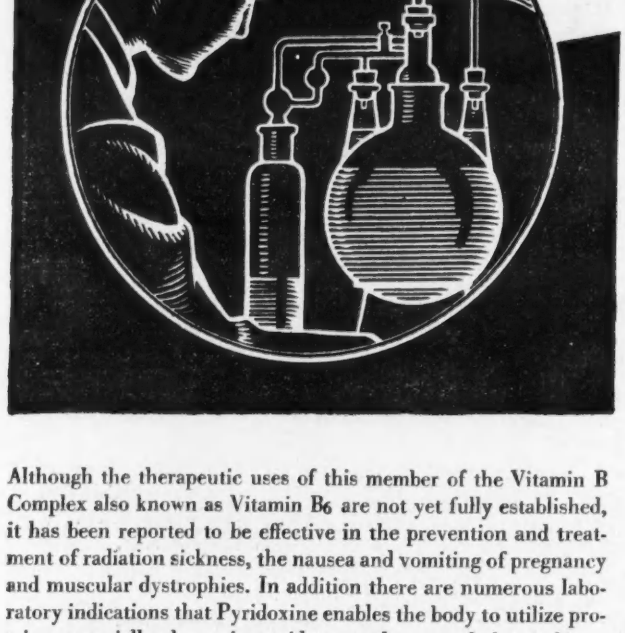
Asphaltum, cut-back, tanks, tank wagon, refinery gal. .09 - —
Emulsion, tanks, tank wagon, refinery gal. .09½- .10
Gilsonite, brilliant black, selects 270°-295° F. fusing pt., bgs., f.o.b. Colo. mines ton. 36.50 - —
seconds, 300°-390° F. fusing point, not uniform, bgs., Colo. mines ton. 31.00 - —
jet, bgs., ton lots, gross weight, Colo. mines ton. 36.50 - —
Manjak, No. 10, crude, dms., works lb. .06½- —
process form. bgs., works lb. .05¼- .12
Steam-rfd., less than 80 penetration, tanks, tankwagon, refinery ton. 22.00 - —
80-300 penetration, tanks, tankwagon, refinery ton. 21.00 - —
Atropine, USP, bots oz. 10.50 -11.50
Sulphate, USP, bots oz. 6.75 - 7.25

B

Bacitracin, wholesalers, unlabeled, topical, 2,000 units vial. .42 - —
10,000 units vial. .80 - —
50,000 units vial. 2.88 - —
Balm of Gilead buds, dried, bgs lb 1.40 - 1.50
Barbasco root (see Cube root).
Barberry, root bark, bgs lb. .60 - .65
tree bark, bgs lb. .53 .55
Barbital, USP, dms. lb 4.50 —
Sodium, USP, dms. lb 4.75 —
Barium carbonate, precip., bgs., 10 tons and up, works ton. 72.50 -80.00
smaller lots, works ton. 82.50 -90.00
Chlorate, kgs., works lb. .25½ .31
Chloride, NF, cryst., dms lb. .17 .18
tech., bgs., c.l., works, frt. equald ton. 90.00 - —
l.c.l., works ton. 100.00 - —
Chromate, bgs., frt. equald lb. .31½- .32
Dioxide, dms., c.l., works lb. .12 - —
l.c.l., works lb. .12 - —
Hydrate, crystals, bgs. lb. .09 - .09½
Hydroxide, anhyd., bbls., works. lb. .19 - —
Iodide, bots. lb 5.12 —
Monoxide (see Oxide).
Nitrate, bbls., c.l., works lb. .11½- —
l.c.l., works lb. .13 - —
Oxide, grd., dms., c.l., works lb. .11 - —
l.c.l., works lb .11½ —
Peroxide (see Dioxide).
Stearate, ctns., c.l lb. .34 —
smaller lots lb. .35 .36
Sulphate, tech. (see Barytes and Blanc fixe)
X-ray, bbls lb 12½- .13
Sulphide, dms., c.l., works ton. 55.00 - —
l.c.l., works ton. 70.00 - —
Barium-potassium chromate, dms., c.l., frt. alld lb .20 - —
l.c.l., works lb. .21 - —
Baryte ore, approx. 94% $BaSO_4$, bulk, mines ton. 9.40 -12.50
Barytes, water-grd., paper bgs., c.l. St. Louis ton. 35.05 - —
l.c.l., same basis ton. 36.85 - —
ex whse., N. Y. ton. 49.65 - —
Southern off-color, bgs., mines ton. 19.00 - —
95.75%, bgs., mines ton. 20.00 - —
Bay leaves (see Laurel leaves).
Belladonna leaf, bls lb. .65 - 1.10
Root, bls lb. .50 - .52
Bauxite, bulk, mines ton. 8.50 -10.00
Bentonite, 200 mesh, bgs., works ton. 12.00 - —
Benzaldehyde, NF, dms lb. .68 - —
tech., cbys., dms lb. .45 - —
Benzal chloride, cbys., works lb. .19 - .25
Benzene (see Benzol).
Hexachloride, 99% gamma isomer (see Lindane).
12% gamma, tech., bgs., dms., c.l., works lb. .18 - .21
l.c.l., works lb. .20¼- .23¼
6% gamma, 50% dust, dry, distributors, dms., c.l., dlvd lb. .12 - —
l.c.l., dlvd lb. .13 - —
wet, distributors, dms., c.l., dlvd lb. .15 - —
l.c.l., dlvd lb. .16 - —
Benzidine base, bbls lb. 1.02 - —
Benzocaine, dms lb. 3.25 - 3.35
Benzol (benzene), pure, nitration, tanks, works, Lackawanna, N. Y., Sparrows Point, Md gal. .23 - —
Bethlehem, Pa., Birmingham, Ala., Chicago district, Cleveland district, Dangerfield, Tex., Johnstown, Pa., Minequa, Colo., Philadelphia, Pa.; Pittsburgh district, St. Louis, Mo.; Syracuse, N. Y., Terre Haute, Ind., Woodward, Ala., Wyandotte, Mich., Youngstown, Ohio gal. .22 - —
Benzophenone, dms lb. 1.15 - 1.70
Benzothiazyl disulfide, 50-lb. bgs., 150-lb. containers, works, frt. alld., ton lots lb. .35 - —
less ton lots, same basis lb. .37 - —
Benzoyl chloride, cbys., dms., c.l., works, frt. eq lb. .20½- .21
l.c.l., same basis lb. .21½- .22
Peroxide, pure, fib. ctns., works, lb. .90 - 1.05
Benzyl acetate, f.f.c., dms. lb. .60 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, USP, f.f.c., cns., dms lb. .80 - —
Chloride, tech., cbys., c.l., works, frt. equald lb. .19 - .19½
l.c.l., same basis lb. .20 - .20½
high grade, 2c. higher.
Cinnamate, cns lb. 3.00 - 4.00
Formate, cns lb. 1.60 - 3.50
Propionate, bots lb. 1.34 - 2.30
Salicylate, bots. lb. 1.55 - 2.25
Benzylidinacetone, bots. lb. 1.85 - 2.70
Benzylisoeugenol, bots lb. 8.90 - 9.00
Berberine, bisulphate, cns lb. 45.75 -48.00
Hydrochloride, bots. lb. 45.75 -48.00
Sulphate, cns. lb. 45.75 -48.00
Berberis root, bls lb. .35 - .40
Betagammapicoline, dms., c.l., works, lb. .21 - .21½
l.c.l., works lb. .21½- .22
Betamethylnaphthalene, m.p., 32°C., dms., works lb. .90 - —
Betanaphthol, resublimed, dms., works lb. .75 - —
tech., bbls., c.l., works lb. .30 - —
l.c.l., works lb. .32 - —
Benzoate, fib. dms., works lb. 1.70 - —
Salicylate, dms. lb. 5.00 - —
Betanaphthylamine, tech., bbls., works lb. .90 - —
Betaphenylethylamine, dms., works, 1,000-lb. lots lb. 1.25 - —
smaller lots lb. 1.60 - —
Betapicolin, 98%, dms., works lb. .55 - —
Beth root, bls lb .45 .50
Biotin, cryst. gram. 10.00 - —
Bismuth chloride, jars lb. 3.97 - —
Citrate, USP VIII, jars lb. 3.29 - —
Hydroxide, dms lb. 4.20 - —
Metal, bxs., ton lots lb. 2.00 - —
Nitrate, cryst., dms lb. 1.87 - —
Oxychloride, dms. lb. 3.97 - —
Oxide, anhydrous, dms lb. 4.02 - —
Phenolsulphonate, fib. dms lb. 4.70 - —
Subcarbonate, USP, dms lb. 2.80 - —
Subgallate, NF, fib. dms lb. 2.75 - —
Subiodide, fib. dms lb. 4.92 - —
Subnitrate, NF, dms lb. 2.30 - —
Subsalicylate, USP, dms lb. 3.20 - —
Bismuth-ammonium citrate, USP, powd., dms lb. 3.82 - —
Black, acetylene, bgs., c.l., works lb. .13½- —
cs., l.c.l. shipt. point lb. .17 - .19
Bone, bgs., bbls., l.c.l., dlvd lb. .14¾- .22¾

Carload price ½c. per lb. less. Deliveries to the Pacific Coast, ex dock or whse., 1½c. per lb. higher.

Carbon, channel, beads, bulk, c.l., works lb. .0650- —
bgs., c.l., works lb. .0690- —
l.c.l., dlvd. or whse. lb. .117 - .1178
uncompressed, regular, bgs., c.l., works lb. .0832- —
bgs., ctns., l.c.l., dlvd. or whse. lb. .13¾- —



PYRIDOXINE HYDROCHLORIDE

Calco

Although the therapeutic uses of this member of the Vitamin B Complex also known as Vitamin B_6 are not yet fully established, it has been reported to be effective in the prevention and treatment of radiation sickness, the nausea and vomiting of pregnancy and muscular dystrophies. In addition there are numerous laboratory indications that Pyridoxine enables the body to utilize proteins, especially the amino acid tryptophane, and that it has a beneficial effect on skin diseases and tissue growths. While the specific function of pyridoxine in nutrition has not been defined, it is usually deemed necessary to include it in Vitamin B Complex and multi-vitamin preparations.

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Sulfanilamide U.S.P. (powder, crystal, micro crystal)
Sulfathiazole U.S.P. (powder, crystal, micro crystal and Calcomites)
Sodium Sulfathiazole U.S.P.
Sulfapyridine N.F.
Sodium Sulfapyridine
Sulfabenzamide (powder, micro crystal and Calcomites)
Sodium Sulfabenzamide
Aminoacetic Acid N.F.
Calcium Pantothenate (Dextro)
Choline Chloride
Choline Citrate, Tri
Choline Dihydrogen Citrate
Cinchophen N.F. (and sodium salt)
Folic Acid
Neocinchophen U.S.P.
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Calcium Mandelate U.S.P.
Menadione U.S.P.
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Nicotinamide HCl
Para Aminosalicylic Acid (and sodium salt)
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Propylthiouracil
Pyridoxine HCl
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Saligenin
Certified Colors for Pharmaceutical Use

*In keeping with long-established policy, the above products are offered to ethical Pharmaceutical and Veterinary Manufacturers only.

PHARMACEUTICAL DEPARTMENT · CALCO CHEMICAL DIVISION

AMERICAN Cyanamid COMPANY

BOUND BROOK, N. J.

Black, carbon, furnace, fast extruding, bgs., c.l., works lb. .05½ - —
ctns. c.l. whse lb. .09¼ - —
high modulus, bgs., c.l., works, lb. .05 - —
ctns., c.l. whse lb. .09 - —
semi-reinforcing bgs., c.l., works lb. .03½ - —
ctns., l.c.l. whse lb. .07½ - —
very fine, bgs., c.l., works lb .0740 - —
l.c.l., dlvd., or whse lb. .12 - —
Charcoal (see C).
Graphite (see G).
Iron oxide synthetic, bgs., c.l., works lb. 10¾ - —
l.c.l., works lb. 11 - —
Lamp, bgs., c.l., works lb 07 - 30
Mineral, bgs., works lb. 0160 - 0675
Black ash (see Barium sulphide).
Blackberry root, bls lb. .10 - .12
bark of root, bls lb 30 - 32
Black dyes (see Dyes).
Black haw, root bark, bls lb. 70 - 80
Tree bark, bls lb. 28 - 30
Black Indian hemp root, bls. lb 45 - 50
Blanc fixe, dry, by-product, bgs., c.l., works ton.80.00 - —
l.c.l., works ton.90.00 - —
direct process, bgs., c.l., works ton.85.00 - —
t.c.l., works ton.90.00 - —
N. Y. whse ton.108.00 - —
bbls., c.l., works ton.90.00 - —
t.c.l., works ton.95.00 - —
N. Y. whse. ton.113.00 - —
pulp, 66⅔% bbls. c.l., works, ton.67.00 - —
t.c.l., same basis ton.73.00 - —
Bleaching powder, dms., c.l., works, 100 lbs. 4.50 - —
t.c.l., works 100 lbs. 5.00 - —
Blood, dried, 16-16½% ammo., bgs., unit-ton. 7.00 - —
high-grade, unground, 16-17% ammon., bulk, Chicago, unit-ton. 6.75 - —
soluble, bgs., ea lb. .16 - .17½
l.c.l. lb. .17½ - .22
Bloodroot, bls. lb. .35 - .40
Blue, alkali, dry, bbls., dlvd. N. of Tenn. and N.C., E of Miss. R. including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.90 - —
Toner, bbls., litho flushed, same basis lb. 1.05 - —
Celestial, bbls., same basis lb. 15 - .16
Chinese, bbls., same basis lb. .37 - .42
Cobalt, genuine, bbls same basis lb. 4.90 -
imitation (see Blue, ultramarine).
Copper-phthalocyanine, full strength, bbls., same basis lb. 3.75 3.85
80%, bbls., same basis lb. 3.00 3.40
Iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda).
Methyl violet toner, bbls., same basis lb. 4.20 —
Milori, bbls., same basis lb. .37 - .42
Peacock, fugitive, 100% color strength, same basis lb .60 .79
Permanent toner, green shade, molybdic, bbls., same basis lb. 2.75 —
tungstic lb 4.00 —
Potash, CP, bbls., same basis lb .51 —
Prussian, bbls., same basis lb. .37 - .42
soluble, bbls., same basis lb. .37 .42
Soda, C.P. bronze bbls., same basis lb 38 —
Ultramarine, cobalt type, dry or pulp, bbls., same basis lb. .25 .26½
jobbing type, dry bbls., same basis lb. 14 —
regular types, dry or pulp, bbls., same basis lb. 19 .26
Victoria toner, molybdic, bbls lb 3.75 —
Tungstic, bbls lb 3.75 —
Violet toner, molybdic, bbls., same basis lb 1.24 —
Tungstic, kgs., same basis lb 2.60 2.70
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher, Pac. Coast, Denver, Pueblo, Salt Lake City, Wichita frt. equalized with Chicago
Blue dyes are listed under Dyes.
Blueflag, root, bls. lb. 45. .50
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Boldo leaves, bls lb. .09 - .12
Bone, raw, bulk, Chicago ton.75.00 - —
junk, bulk, same basis ton.50.00 -52.00
Meal, raw, 4½% ammon., 50% phos., bgs., E. works ton.62.50 - —
Chicago, works ton.62.50 - —
steamed, feeding grade, 1% ammon., 60% phos., E. works ton.60.00 - —
Chicago, works ton.62.50 - —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works, ton.62.50 - —
Chicago, works ton.62.50 - —
Phosphate, defluorinated (see D) precipitated (see Calcium phosphate tribasic precip).
Boneset leaves, bls lb. .16 - .18
Borage flowers, bls lb. 40 45
Borax, tech, anhydrous, bgs., c.l., works ton.70.50 - —
ton lots, ex whse N. Y. or Chi ton.115.25 - —
less ton lots, same basis, ton.120.25 - —
bbls., c.l., works ton.90.50 - —
ton lots, ex whse, N. Y. or Chi ton.135.25 - —
less ton lots, same basis, ton.140.25 - —
bulk, c.l., works ton.64.00 - —
crystals, 99½%, bgs., c.l., works, ton.61.25 - —
ton lots, ex whse, N. Y. or Chi ton.106.50 - —
less ton lots, same basis, ton.111.00 - —
bbls., c.l., works ton.81.25 - —
ton lots, ex whse, N. Y. or Chi ton.126.00 - —
less ton lots, same basis, ton.131.00 - —
bulk, c.l., works ton.57.25 - —
granular, 99½%, bgs., c.l., works ton.35.25 - —
ton lots, ex whse, N. Y. or Chi ton.80.00 - —
less ton lots, same basis, ton.85.00 - —
bbls., c.l., works ton.55.25 - —
ton lots, ex whse, N. Y. or Chi ton.100.00 - —
less ton lots, same basis, ton.105.00 - —
bulk, c.l., works ton.31.25 - —
powdered, 99½%, bgs., c.l., works ton.40.25 - —
ton lots, ex whse, N. Y. or Chi ton.85.00 - —
less ton lots, same basis, ton.90.00 - —
bbls., c.l., works ton.60.25 - —
ton lots, ex whse, N. Y. or Chi ton.105.00 - —
less ton lots, same basis, ton.110.00 - —
bulk, c.l., works ton.36.25 - —
Borax packed in kgs. is $40 per ton higher than borax packed in paper bgs. USP borax $15 per ton higher than tech.

Bordeaux mixture, bgs., c.l., works, frt. alld. or nearest whse. point lb. .15 - .21
l.c.l., same basis lb .16 - 23
Borneol, cns. lb. 2.25 - 2.50
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purified cs., c.l., frt. alld. E. of Rockies lb. .21 - —
1,000 lbs., same basis lb. 23 - —
single pkgs., same basis lb 28 - —
dms., lead-lined, dlvd lb. .21 - —
Bromoform, USP, bots lb. 1.50 1.70
cbys. lb 1.42 —
Bromstyrol, bots lb. 4.85 6.25
Bronze powder, aluminum (see A).
Gold, litho., cans, dms., works lb. .50 .60
moulding, cans, dms., works lb. 80 1.00
printing ink, cans, dms., works lb. 95 1.10
radiator, cans, dms., works lb. 60 .65
Broomtop, bls. lb. 25 28
Brown, iron, synth., bgs., l.c.l., works lb. 12½ —
Oxide metallic bgs. works lb 03 .03¼
Brown, sap, crystals, works lb. .12 - —
powdered lb 13 - —
Sienna, burnt, paper bags., c.l., works lb. .03¾ .14¾
t.c.l., works lb. 04 15
raw, paper bgs. c.l. works lb. 04 12½
l.c.l., works lb. .04¼ 12¾
Umber, burnt, American, c.l., bbls., works lb. 04¾ 05¾
t.c.l., bgs., works lb. 05 06¾
Turkey type, bgs., c.l., Boston, Bethlehem, Easton, Pa., Hiwassee, Va., N.Y. lb. 05¾ 07¾
l.c.l., works lb. .06 - .08
Brown, Umber, raw, American, bgs., same basis lb. .03¾ - .06
Turkey type bgs. same basis lb. 06 - 06¼
Vandyke, bbls., works lb. .11 - —
Brucine, cns., 100 ozs oz. .35 - —
Sulphate, NF, cns., 100 ozs. oz. .30 - —
Bryonia root, bls lb. .29 .35
Buchu leaves, bls lb. .60 - .65
Buckthorn bark, bls ton. .14 - .18
cut and sifted, bls lb. .23 - .25
Berries, bgs lb. .80 .90
Burdock, root, bls lb. .20 .26
Butadiene, cyls. refinery lb. .19 - —
tanks, same basis lb. .09½ - —
Butane, indust., tanks, group 3 gal. .03 - —
Butternut bark, bls lb. .22 - .25
Butyl acetate, fermentation, normal, ill., ind., prod., dms., c.l., works, frt. alld lb. .13½ - —
l.c.l., same basis lb. .14½ - —
tanks, same basis lb. .12 - —
tankwagons, same basis lb. .12½ - —
other production, dms., c.l., same basis lb. .13½ - —
l.c.l., same basis lb. .14½ - —
tanks, same basis lb. .12 - —
synthetic, normal, dms., c.l., same basis lb. .13½ - —
l.c.l., same basis lb. .14½ - —
tanks, same basis lb. .12 - —
secondary, dms., c.l., same basis lb. .11 - —
l.c.l., same basis lb. .11½ - —
tanks, same basis lb. .09½ - —
Alcohol (see Alcohol butyl).
Aldehyde, dms., c.l., works lb. .17½ - —
l.c.l., works lb. .18½ - —
tanks, works lb. .16 - —

Black, Carbon, Furnace—Calabar Beans

Butyl, ether (see Ether, butyl).
Lactate, dms., c.l. frt. alld. E. of Rockies lb. 42½ - —
t.c.l., same basis lb. 43½ - —
tanks, same basis lb. 41 - —
Laurate, dms., works lb. 42 - —
Methacrylate, normal, dms., less than truckload, works lb. .60 - —
Oleate, reid., dms., l.c.l., works lb. .52 - —
Phenylacetate, dms lb. 2.00 2.25
Phthalate (see Dibutyl phthalate).
Stearate, dms., c.l. frt. alld. E. of Rockies lb. .27 - —
l.c.l., same basis lb. .28½ - —
Butyric ether (see Ethyl butyrate).

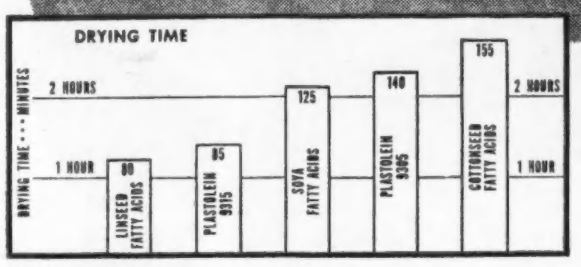
C

Cacao butter (see Cocoa butter).
Cadmium bromide, reagent, jars lb. 2.64 - 2.65
iodide, jars lb. 5.00 5.22
Cadmium lithopone (see Yellow).
Metal, ingots or sticks, cs., dlvd. lb. 2.00 - —
patent shapes, cs., dlvd lb. 2.15 - —
Selenide (see Red).
Stearate, 50-lb. ctns., l.c.l., f.o.b., N.Y., frt. equald. lb. 1.25 - —
Sulphide (see Yellow).
Caffeine, natural, USP, cryst., dms., 100 lbs or more lb. 4.75 - —
anhydrous, dms., 100 lbs. or more lb 5.00 - —
Synthetic, USP, cryst., dms., 100 lbs. or more lb 3.80 - —
anhydrous, dms. 100 lbs. or more lb. 4.00 - —
Citrated, USP, dms., 100 lbs. or more lb. 2.60 —
Hydrobromide, bots lb. 6.70 Nom.
Calabar beans, bgs., futures lb. 65 66

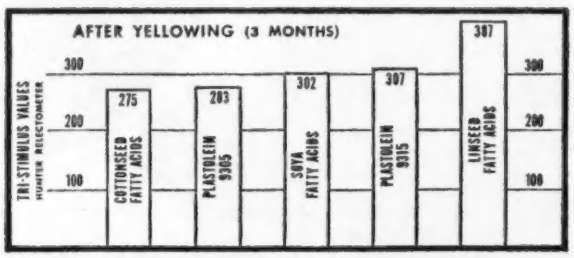
FOR ALKYD RESINS:

3 MORE REASONS WHY

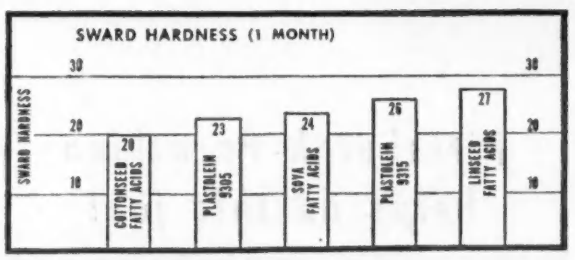
EMERY PLASTOLEIN SPECIAL FATTY ACIDS ARE PREFERRED!



QUICK-DRYING



NON-YELLOWING



GREATER HARDNESS

1 COMPARATIVE TESTS PROVE THE OVERALL SUPERIORITY OF PLASTOLEINS 9305 AND 9315 . . .

NOW . . . retain all the advantages of fatty acids but get lower titer, lighter color, high color stability, high polyunsaturated acid content. RESULTS . . . fast drying, non-yellowing alkyds that exhibit greater hardness and high color retention.

Both Plastolein 9305 and 9315 are polyethylenic fatty acids from which most of the saturated acids have been removed by the exclusive, patented Emersol* process. As a result, they have low titers, are high in polyunsaturated acid content (fast drying) yet low in linolenic acid content (minimum after-yellowing). Plastoleins 9305 and 9315 provide more uniform raw materials, higher quality finished alkyds, greater formulation flexibility, and such economic advantages as reduced cooking time. Don't wait . . . send for samples today and see how these Plastolein Fatty Acids can improve your surface coatings.

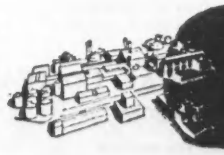
*T. M. Reg. U. S. Pat. Off.

2

3

TYPICAL CHARACTERISTICS AND COMPOSITION

PRODUCT	TITER °C	IODINE VALUE Wijs	COLOR GARDNER	ACID VALUE	SATURATED and OLEIC ACIDS	LINOLEIC ACID	LINOLENIC ACID
Plastolein 9305 Double Distilled Liquid Fatty Acid	5 max.	135-145	3	191-197	46%	52%	2%
Plastolein 9315 Double Distilled Liquid Fatty Acid	5 max.	145-160	3	191-197	31%	61%	8%

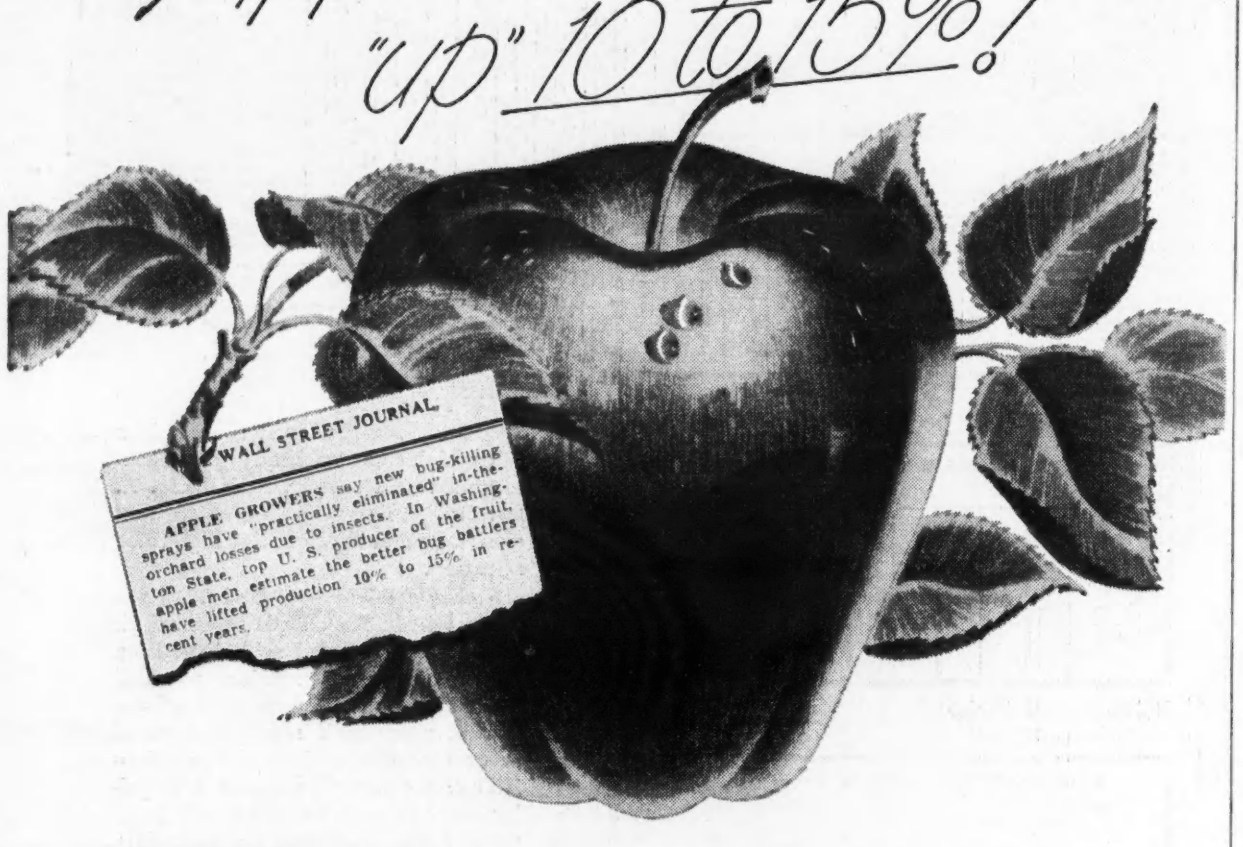


EMERY INDUSTRIES, INC.
4300 CAREW TOWER · CINCINNATI 2, OHIO
EXPORT DEPT: 3035 R.C.A. BLDG., NEW YORK 20, N. Y.

World's Largest Producers of Fatty Acids

Calamine, USP—Cellulose Triacetate

Calamine, USP, dms	lb.	.27	.29
Calamus root, dom., bgs	lb.	.27	.30
imported, bleached, bls	lb.	.70	Nom.
peeled, bls	lb.	.30	.31
Caliciferol, cryst., vials, 250 grams or more, works	gram.	1.90	—
25 to 249 grams, works	gram.	2.10	—
1 to 24 grams, works	gram.	2.30	—
in edible oil, dms., 10,000 or more standard units (1 standard unit equals 1,000,000 USP units), works unit		.04¾-	—
1,000 to 10,000 s.u. units, works unit		.05¼-	—
less than 1,000 s.u. units, works unit		.05¾-	—
Calcium acetate, bgs., dlvd 100 lbs		3.00	4.00
Arsenate, dealers, dms., c.l., whse., works, frt. alld. on 96 lbs. or over	lb.	.09½-	—
l.c.l., same basis	lb.	.10½-	.11½
Bromide, NF, jars	lb.	.75	.85
Carbide, standard generator size, dms., c.l., dlvd	ton	121.00	—
Carbonate (see Chalk and Whiting).			
Chloride, cryst., purified, bbls., jars	lb.	.28	.30
flake, 77-80%, paper bgs., c.l., works, frt. equald	ton	22.00	—
l.c.l., same basis	ton	37.00	67.00
liquor, works, basis 40%, tank-cars	ton.	9.00	—
pellets, bgs., c.l. works	ton	29.00	—
solid, 73-75%, dms., c.l., works, same basis	ton.	20.00	—
l.c.l., works, same basis	ton.	30.00	59.00
USP, gran., bbls	lb.	.30	—
Chromate, bgs., frt. equald	lb.	29¼-	.30
Calcium, cyanide, dms., dlvd. E. of Rockies	lb.	.30	.50
Gluconate, AA, bbls., dms	lb.	.65	.72
USP, bbls., dms	lb.	.58	.65
Glycerophosphate, NF, fib., dms.	lb.	1.80	1.95
Hydride, dms., works	lb.	.90	—
Hypochlorite, 100-lb. dms., dlvd. E. of Rockies	dm.	24.00	26.50
cns., cased (45 lbs.) same basis	cs.	19.75	21.50
Hypophosphite, ton lots and less, dms	lb.	.80	.83
Iodide, jars	lb.	4.10	4.12
Lactate, USP, dms., 10,000 lbs. or more, works	lb.	.37	—
smaller quantities, works	lb.	.38	.44
Mandelate, USP, dms., works	lb.	2.10	2.25
Naphthenate, liq., 4% Ca, dms., frt. alld	lb.	.23¾	—
Nitrate, tech., works	lb.	.07	.09
Pantothenate, dextro, jars, 100 grams or more, frt. adjusted	gram.	.07½-	—
Phenolsulphonate, dms	lb.	.64	.65
Phosphate, dibasic, USP bgs., c.l., 100 lbs.		6.75	—
l.c.l.	100 lbs.	7.10	7.45
feed grade, bgs., 15 tons, wks.	ton.	105.00	—
less than one ton, works	ton.	125.00	—
one ton or over, works	ton.	115.00	—
monobasic, bgs., 10,000 lbs., works, frt. equald	lb.	.05¾-	—
smaller lots, same basis	lb.	.06¼-	—
tribasic, bgs., c.l., works 100 lbs.		6.50	—
l.c.l., works	100 lbs.	6.95	7.30
Phytate, bgs., works	lb.	.28	—
Resinate, precip., dms., frt. alld., works	lb.	.24	—
Calcium silicate, hydrated, bgs., c.l., works	lb.	.05½-	—
l.c.l., works	lb.	.06	—
Stearate, precip., ctns., c.l., works.	lb.	.32	—
l.c.l., works	lb.	.33	.34
Sulphate (see Gypsum).			
Sulphide, 76%, ngs., c.l., works	ton.	45.00	—
70%, bgs., c.l., works	ton.	50.00	—
luminous, tins, works	lb.	1.25	—
Calcium-strontium sulphide, phosphorescent, dms., works	lb.	1.06	1.50
fine particle size, dms., works	lb.	1.50	1.75
Calendula flowers, bls	lb.	.45	.60
Calomel, USP, fine powd., dms.	lb.	1.97	1.98
reg. powd., dms	lb.	1.82	—
Camphene, chlorinated, 67-69% (see Toxaphene).			
Camphor, monobromated, NF, dms.,	kgs.	2.75	2.85
natural, powd., 100-lb. lots	lb.	.45	.55
tablets, 1-oz., ½-oz., cs	lb.	.85	.93
synthetic, tech., bbls., 2,000 lbs. or more, whse.	lb.	.42	—
10 bbls. (1,500 lbs.)	lb.	.44½-	—
smaller lots	lb.	.45	.55
USP, gran., powd., bbls., 2,000-lb. lots	lb.	.45	—
1,000-lb. lots	lb.	.46	—
smaller lots	lb.	.47	—
USP, tablets, tins, 2,000-lb. lots	lb.	.73	—
1,000-lb. lots	lb.	.74	—
smaller lots	lb.	.75	—
Canada balsam (see Fir balsam).			
Canella alba bark, bls	lb.	.25	.30
Cantharides, Chinese, cs	lb.	1.10	1.30
powd., bxs	lb.	1.25	1.50
Russian, bgs	lb.	4.50	5.00
powd., bxs	lb.	5.75	6.00
Capsicum (see Pepper, red).			
Oleoresin, NF, cns	lb.	4.00	6.70
Caramel coloring, NF, bbls	gal.	1.05	1.20
Caraway seed, Dutch, bgs	lb.	.14	.14¼
Carbazole, 97%, steel dms., ton lots, works	lb.	1.55	—
bbls., same basis	lb.	1.65	1.85
Carbinol, butyl, secondary, dms., l.c.l., works	lb.	.70	—
Methylisobutyl, dms., c.l., frt. alld., E.	lb.	.13	—
l.c.l., same basis	lb.	.13½-	—
tanks, same basis	lb.	.11½-	—
Carbon bisulphide, 50-gal. dms., c.l., works, frt. alld. to competitive points	lb.	.06¼-	—
l.c.l., same basis	lb.	.07¼-	—
5-gal. dms., c.l., same basis	lb.	.09½-	—
l.c.l., same basis	lb.	.08¾-	—
tankcars, same basis	lb.	.07¼-	—
Carbonate, cryls	lb.	.06	.08
Tetrachloride, CP, dms., works	lb.	.10¾-	—
tech., dms., E. of Rockies, c.l., frt. alld	lb.	.08	—
l.c.l., same basis	lb.	.08¾-	—
tankcars, same basis	lb.	.07¼-	—
dms., W. of Rockies, c.l., f.o.b. stock points	lb.	.08¾-	—
l.c.l., frt. alld.	lb.	.09¼-	—
tankcars, same basis	lb.	.08	—
NF, cbys	lb.	.17	.19
Carboxymethylcellulose-Sodium—See CMC			
Carbromal, NF, dms., 100-lb. lots, works	lb.	4.00	4.25
smaller lots, works	lb.	4.10	4.75
Cardamom fruit, bleached, bold, cs.	lb.	3.30	3.45
medium, cs.	lb.	2.95	3.40
Coorges, cs.	lb.	2.20	2.25
decorticated, Alleppey, cs	lb.	3.45	3.50
Ceylon, cs.	lb.	3.30	3.35
Guatemala, cs	lb.	3.40	3.45
green, Alleppey, bgs., afloat	lb.	2.15	2.20
Ceylon, bgs	lb.	2.10	2.15
seed (See Cardamom fruit, decorticated)			
Carmine, No. 40, NF, bulk, 100 lbs. or more, dlvd.	lb.	5.50	—
smaller lots, dlvd	lb.	5.65	6.15
Carotene, crystals, research grade, ampuls, pure alpha or beta, 10 mg.		5.00	—
90% beta-10% alpha, ampuls, 100 mg.		2.00	—
gram quantities	gm.	5.00	—
technical, 1,350,000 A units per gram	gm.	.67½-	—
tins, works	gm.	.56	—
dry powder, 3,330 A units per gram	lb.	.81	—
emulsion (in milk), 600,000 A units per 16-oz. cn	cn.	1.00	—
in vegetable oil, 166,666 A units, per gram	lb.	25.24	—
50,000 A units per gram	lb.	7.86	—
26,000 A units per gram, tins, works	milli. units.	.22	—
dms., works	milli. units.	.20	—
3,330 A units per gram	lb.	.85	—
microcrystalline, in oil, 400,000 A units per gram, tins, works	milli. units.	.44	—
Carvol, bots.	lb.	8.75	9.00
Cascara sagrada bark, bulk	lb.	.27	.30
Case-hardening mixture, 30% gran., dms., l.c.l., works	lb.	.10½-	—
Casein, dom., acid-precip., standard, bgs., 10,000 lbs. or more, ship't point	lb.	.24	.24½
premium, bgs., 10,000 lbs. or more, ship't point	lb.	.24	.27
rennet-precip., bgs., 10,000 lbs. or more, ex dock	lb.	.20¾-	.22½
imp., acid-precip., ground, 100 bgs. or more, ex dock	lb.	.20¾-	.21½
Cashew nut liq., treated, dms., c.l., f.o.b. Newark, N. J.	lb.	.21	—
ton lots, same basis	lb.	.22¼-	—
dm. lo's, same basis	lb.	.24¼-	—
Cassia bark, Batavia, tongstick, bls.,	lb.	.23	.25
broken, bls.	lb.	.15	.16
short stick, bls	lb.	.23	.24
China, Canton, Kwangsi, rolls, select, cs	lb.	.12¼-	.12½
broken, bls	lb.	.11	.11½
Honan, rolls, scraped, bls	lb.	.15	.15½
broken, bls.	lb.	.14	.14½
unscraped, bls	lb.	.14	.14½
broken, bls	lb.	.13½-	.14
Yunnan, rolls, scraped, bls	lb.	.15	.15½
broken, bls.	lb.	.14	.14½
unscraped, bls	lb.	.14	.14½
broken, bls	lb.	.13½-	.14
Saigon, broken, bls	lb.	.26	.27
medium, bls.	lb.	.36	.37
thin, bls.	lb.	.42	.43
Buds, China, bgs	lb.	.55	.55½
Cassia fistula, bskts	lb.	.30	.35
Castor beans, bgs., Brazilian ports	long ton.	124.00	—
Oil (see Oil, castor).			
Pomace, bgs., c.l., works	ton.	30.50	—
Castoreum, natural, cns	lb.	7.00	30.00
artificial, cns.	lb.	9.00	9.25
Catechol, CP, cryst. fib. dms., works	lb.	2.00	—
resublimed, dms., works	lb.	4.00	—
Catnip, bls	lb.	.70	.75
Celery seed, French, bgs	lb.	.28	.29
Indian, bgs	lb.	.23	.23½
afloat, bgs.	lb.	.24	.24½
Celluloid scrap (see Pyroxylin scrap).			
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more	lb.	.33	.36
molding, composition, plain colors, translucent, metallic pearls, special black, dms., c.l., frt. alld.	lb.	.40	—
l.c.l., same basis	lb.	.45	.51
regular, black, dms., l.c.l., same basis	lb.	.31	.39
variegations, dms., l.c.l., same basis	lb.	.50	.59
molding and extrusion transparents, dms., c.l., same basis	lb.	.47	—
l.c.l., same basis	lb.	.49	.54
extrusion compounds, translucent metallic pearls, special black, dms., c.l., same basis	lb.	.42	—
l.c.l., same basis	lb.	.44	.49
Acetate-butyrate, flake, 17% butyryl content, ctns., 500 lbs. or over, works	lb.	.52	—
less than 500 lbs., works	lb.	.53	—
17.5% butyryl content, ctns., 500 lbs. or over, works	lb.	.48	—
less than 500 lbs., works	lb.	.49	—
26.5% butyryl content, ctns., 500 lbs. and over, works	lb.	.50	—
less than 500 lbs., works	lb.	.51	—
37% butyryl content, ctns., 500 lbs. and over, works	lb.	.50	.53
less than 500 lbs., works	lb.	.51	.54
48% butyryl content, ctns., 500 lbs. and over, works	lb.	.53	—
less than 500 lbs., works	lb.	.54	—
molding composition, plain colors, pearls, transparents, special black, dms., l.c.l., frt. alld.	lb.	.56	.61
regular black, dms., l.c.l., same basis	lb.	.44	.48
variegations, dms., c.l., same basis	lb.	.61	.66
Triacetate, flake, ctns., works, frt. alld. on 100 lbs. or more	lb.	.40	—


Apple production "up" 10 to 15%!
WALL STREET JOURNAL.
APPLE GROWERS say new bug-killing sprays have "practically eliminated" in-the-orchard losses due to insects. In Washington State, top U. S. producer of the fruit, apple men estimate the better bug battlers have lifted production 10% to 15% in recent years.

OTHER "PITTSBURGH" CHEMICALS

Alkyl Methyl Pyridinium Chloride
Alphanitronaphthalene
Benzol—Meter, Nitration, Pure
Creosote
Cresol—Meta Para, Ortho
Naphtha, Heavy Solvent
Naphthalene—74° and 78°
Para Amino Phenyl Mercuric Acetate
Phenol
Hydrochloric Acid—20° and 22°
Picoline—Alpha, Beta and Gamma
Pyridine—Medicinal and Industrial
Sodium Cyanide
Sodium Thiocyanate
Sulphate of Ammonia
Sulphuric Acid—60°, 66° and Oleum
Tar Acid Oil Disinfectants
Tar—Crude and Road
Toluol—Nitration and Commercial
Xylol—10°, 5° and 3°
2,4 Dichlorophenol

P C&C C

Pittsburgh Parathion helps do this job!

The bumper crop and fine quality of fruit from the great apple belts last year was due in part to the first really widespread use of Parathion. For this most potent insecticidal chemical yet developed not only destroys the European red mite and other arachnids but appears to be an effective control for a wider range of orchard insect pests than many previously used compounds.

Pittsburgh Agricultural Chemical Company, a division of Pittsburgh Coke & Chemical Company, is a basic producer of Parathion and offers *Pittsburgh* 15% and 25% Parathion Wettable Powders, chemically and biologically standardized.

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COAL CHEMICALS, ACTIVATED CARBON, NEVILLE COKE, EMERALD COAL, PIG IRON, GREEN BAG CEMENT, CONCRETE PIPE AND PRODUCTS

Cerium hydrate, dms., works ...lb. 1.25 - —
Oxalate, NF, bbls., bgs., works..lb. .70 - .72
Oxide, optical grade, bgs., under 100 lbs., works..lb. 2.25 - —
kgs., 100-lb. lots, works..lb. 1.85 - —
Chalk, precip., cosmetic, dentifrice, drugs, bgs., c.l., works..lb. .02⅞- .05½
l.c.l., ex whse.....lb. .04 - —
paint, bgs., c.l., works.....ton.40.00 - —
papermakers, ngs., c.l., works. ton.32.50 -40.00
rubber makers, bgs., c.l., works ton.30.00 - —
Chamomile flowers, Hungarian, cs lb. .48 - .55
Roman, bls. .....lb. .90 - 1.00
Charcoal, activated, USP, fib. dms., c.l., works..lb. .25 - .32
5-ton lots, works.....lb. .26½- .32½
smaller lots, works.....lb. .27 - .50
Bone, NF, bbls .....lb. .23 - —
Hardwood, briquets, bulk, c.l., works..ton.49.80 - —
bgs., c.l., works.....ton.51.80 - —
granular, bgs., incl., c.l., works. ton.46.80 -59.00
Charcoal, hardwood, lump, bulk, c.l., works..ton.38.80 -43.50
bgs., extra, returnable, c.l., works..ton.41.80 -45.50
Pinewood, gran., powd., ogs., c.l., works, South..ton.30.00 -40.00
l.c.l., works.....ton.40.00 -50.00
lump bgs., c.l., works, South ton.40.00 - —
bgs., l.c.l., works, South..ton.40.00 -50.00
bulk, c.l., works, South..ton.30.00 - —
Willow, powd., bbls lb .06 .07
Chestnut extract, 25% tannin, bbls., c.l., works..lb. .0433- —
l.c.l., works.....lb. .0465- —
tanks, works .....lb. .0370- —
powd., 60% tannin, bgs., extra, c.l., works..lb. .0960- —
l.c.l., works.....lb. .1115- —
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton.12.50 -13.00
l.c.l., works.....ton.13.50- 14.00
bulk, c.l., works...ton. 9.50 -10.00
200 mesh, bgs., c.l., works..ton.10.00 -12.00
l.c.l., works ...ton.11.00 -16.00
wet-grd., silk-bolt, 99½%, 325 mesh, bulk, c.l., works ton.13.00 - —
paper bgs., c.l., works. ton.16.00 - —
imported, white lump, bulk, c.l., ex dock, Phila., Portland, Me..gross ton.19.00 -40.00
powd., bgs., c.l., ex dock. net ton.35.00 -45.00
l.c.l., ex whse... net ton.45.00 -60.00
Chloral, tech., 94% min., dms., l.c.l., works..lb. .42 - —
Hydrate, USP, jars .....lb. 1.05 - 1.10
Chloramine T, NF, bbls., works..lb. .75 - 1.00
Chlordane, agricultural, dms., l.c.l., stock points..lb. .82 - 1.05
refined, dms., stock points.....lb. .97 - 1.20
Chlorinated paraffin, dms., works lb. .12¼- .13½
Rubber, standard, ctns., c.l., works lb. .42 - —
l.c.l., works.....lb .43 - —
Chlorine, liquid, cyls., c.l., works.lb. .08 - .12
l.c.l., stock points.....lb. .09 - .16
tanks, single units, works, frt. equald..100 lbs. 2.40 - —
multiple units, 3 cars, works, frt. equald..100-lbs. 2.90 - —
2 cars, same basis..100 lbs. 3.50 - —
1 car, same basis..100 lbs. 4.10 - —
Chloroform, tech., dms., c.l., dlvd. E..lb. .20 - —
l.c.l., same basis.....lb. .22 - —
tanks, same basis .....lb. .16 - —
USP, dms. .....lb. .30 - .33
Chloro(4)-2-Toluidine, bbls. .....lb. 1.38 - —
Chlorophyll, oil soluble, water soluble, cosmetic and pharmaceutical, bots..lb. 3.75 - 4.50
Chloropicrin, com'l, bots .....lb. 1.40 - —
cyls., 180-lbs., frt. alld.....lb. .91 - —
100-lbs., same basis.....lb. .93 - —
25-lbs., same basis.....lb. 1.18 - —
Cholesterol, USP, fib. dms., 100-lb. lots..lb. 8.50 - —
5-lb. pkg. .....lb. 9.00 - —
1-lb. pkg. .....lb. 9.50 - —
Choline chloride, fib. dms., frt. adjusted..lb. 2.50 - 2.75
Dihydrogen citrate, fib. dms., same basis..lb. 2.50 - 2.75
Chromium acetate, powd., 72% Cr., bbls., works..lb. No stocks
solut., 7½%, bbls., works....lb. .08 - —
cbys. .....lb. .09¾- —
8½%, bbls., works.....lb. .08½- —
cbys. .....lb. .10¼- —
Fluoride, bbls., works .....lb. .44½- —
Green (see Green, chrome).
Oxide (see Green, chromium oxide).
Oleate, solid, bbls.....lb. .49 - —
Trioxide, USP, bots.....lb. .82 - —
Yellow (see Yellow, chrome).
Chrysarobin, USP, bots. .....lb. 7.65 - 9.24
Cinchona bark, NF, red, quill, 20-inch, cs lb. 1.26 Nom.
broken, bgs.....lb. .40 - .45
yellow, broken, bgs.....lb. .32 - .35
Cinchonidine, cryst., cns., 100 ozs. oz. .71 - .72
Sulphate, cns., 100 ozs..... oz. .40½- .55
Cinchonine, cryst., cns., 100 ozs. oz. .57 - .65
Sulphate, NF, cns., 100 ozs....oz. .30½- .42
Cinchophen, NF, heavy density, dms., frt. adjusted..lb. 3.70 - 4.05
Standard density, dms., same basis..lb. 3.50 - 3.85
Cinchophen-sodium, dms., frt. adjusted..lb. 4.50 - 4.85
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, cbys., cns., dms.....lb. .90 - 1.20
Cinnamon, Ceylon, No. 2, bls....lb. .18½- .19
Citral, bots., cns.....lb. 5.25 - 5.50
Citronellal, bots., dms.....lb. 2.50 - 4.75
Citronellol, bots., dms.....lb. 2.95 - 4.75
Civet, bots .....oz. 4.00 - 5.00
artificial, bots .....lb.15.00 - —
Clove, Madagascar, bls.....lb. .24½- .25
futures, bls.....lb. No offers
Zanzibar, bls. .....lb. .25 - .26
afloat .....lb. .24½- .25
Clover tops, red, dom., bgs.....lb. .55 Nom.
imported, bgs. .....lb. No stocks
CMC, purified, high vis., ctns., 20,000 lbs. or over, works, frt. alld..lb. .57 - —
smaller lots, same basis..lb. .59 - .69
low and medium vis., ctns., 20,000 lbs. or over, works, frt. alld..lb. .54 - —
smaller lots, same basis..lb. .56 - .66
tech., low and medium vis., dms., c.l., works, frt. alld lb. .41 - —
l.c.l., works.....lb. .43 - —
Coaltar, coal-gas, water-gas, crude, resale, dms., c.l., ex-whse, gal. .23½- —
l.c.l., ex-wnse.....gal. .25 - —
tanks, ex-whse.....gal. .13½- —
refd., resale, bbls., c.l., ex-whse, gal. .24½- —
l.c.l., ex-whse.....gal. .26 - —
tanks, ex-whse.....gal. .14½- —
Cobalt acetate, bbls., dlvd.....lb. .93½- —
Carbonate, powd., bgs., works..lb. 1.65 - —
feed grade, 49½% Co, kgs...lb. 1.65 - —
Chloride, kgs., works.....lb. .91¼- —
feed grade, 24.5% Co, kgs...lb. .91¼- —
Cobalt hydrate, bbls.....lb. 2.13 - —
feed grade, 62% Co, kgs....lb. 2.13 - —
Linoleate, paste, 6% Co, dms. solid, 8½%, Co, dms.....lb. .57 - —
8% Co, dms .....lb. .66½- —
Metal, 97-99%, kgs., ex-whse..lb. 1.80 - —
under 100 lbs., ex-whse ...lb. 1.82 - 1.87
Naphthenate, liq., 6% Co, dms.lb. .37¼- —
Nitrate, feed grade, 20.4% Co, bbls..lb. .78¾- —
Oxide, black, kgs.....lb. 1.38 - —
Phosphate, feed grade, 34%, Co, kgs lb. 1.31¼- —
Resinate, fused, 3% Co, dms..lb. .22¾- —
Sulphate, bgs. .....lb. .68¼- —
feed grade, 21% Co, kgs ...lb. 1.05 - —
Cobalt salts, prices are on dlvd., basis
Cobalt-ammonium sulphate, 14% Co, kgs lb. .75 - —
Cocaine, USP, cns., 100-oz .....oz.15.00 - —
Hydrochloride, cns., 100-oz. lots.oz.11.75 - —
Cochineal, gray, bgs .....lb. .67 - .68
silver, Teneriffe, bgs.....lb. .69 - .70
Cocillana bark, bgs .....lb. .16 - .17
Cocoa butter, bgs .....lb. .47½- .51
Codeine, NF, cns., 100 ozs .....oz.13.25 - —
Hydrochloride, cns., 100 ozs....oz.11.85 - —
Phosphate, USP, cns., 100 ozs..oz.10.25 - —
Sulphate, USP, cns., 100 ozs...oz.10.75 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .20 - .25
Blue, root, bls .....lb .17 - .19
Colchicine, USP, bots., cns.....oz.79.00 -85.00
Colchicum root, bls.....lb. .60 - .70
Seed, bgs.....lb. 1.90 - 2.00
Collodion, USP, dms.....lb. .21 - —
Flexible, USP, dms.....lb. .22½- —
Colocynth, pulp bls.....lb. .30 - .35
Colombo root, bls .....lb .18 - .23
Coltsfoot leaves, bgs .....lb .30 - .35
Condurango bark, bgs .....lb. .20 - .22
Copaiba balsam, cns., dms.....lb. .64 - .82
Copper acetate, cupric, bbls., works. lb. .28 - —
smaller containers, works..lb. .29 - .30
Carbonate, 55%, bgs., works ...lb. .1860- .2575
Chloride, anhyd., bbls., works..lb. .25½- —
crystals, bbls., works .....lb. .17¾- —
Citrate, USP, 5-lb. bots .....lb. 2.40 - —
Cyanide, tech., bbls .....lb. .46½- —
Gluconate, dms., cns.....lb. 3.00 - 3.24
Hydrate, dms., dlvd. E. Miss....lb. .24¾- .25¼
Metal, electrolytic, dlvd .....lb. .18½- —
Naphthenate, liquid, 8% Cu, dms., frt. alld..lb. .22¼- —
Nitrate, tech., cryst., bbls., works. lb. .22¼- —
Oleate, liquid, 8.5% Cu, bbls...lb. .27 - —
solid, 10% Cu, bbls.....lb. .39 - —
Oxide, black, bbls., works....lb. .23⅞- .28⅞
red, com'l, bbls., works.....lb. .26⅞- .30⅞
Oxychloride-sulphate, bgs., frt. alld..lb. .24¼- .27¼
Quinolate, fib, dms. .....lb. 3.50 - —
Resinate, precip., dms., frt. alld. lb. .23½- —
Stearate, bgs., works .....lb. .39½- —
Sulphate, cryst., 99%, bgs., c.l., works..100 lbs. 7.00 - 7.25
l.c.l. .....100 lbs. 7.25 - 8.25
CP, cryst., gran., dms., works. lb. .12¾- —
monohydrated, 35%, dms., c.l., dlvd 100 lbs.11.90 -13.00
Tribasic, dealers, bgs., c.l., works..lb. .1815- .2245
l.c.l., works.....lb. .2050- .2345
USP, gran., cryst., dms.....lb. .12¾- .26
Copperas, cryst., gran., bgs., c.l., works ton.17.00 - —
l.c.l., works .....100 lbs. 1.55 - 2.00
bbls., c.l., works.....ton.20.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, c.i.f., Atlantic, Gulf ports. ton. 210.00 - —
Pacific ports .....ton. 205.00 - —
Coriander seed, Argentine, bgs...lb. .07 - .07¼
Italian, bgs .....lb. .07 Nom.
Moroccan, bgs. .....lb. .11 - .11½
Corn sugar, tanners, crimped, paper bgs., c.l., 60,000 lbs. min. 100 lbs. 5.69 - —
bbls., c.l., same basis..100 lbs. 5.75 - —
Syrup, 42°, bbls., c.l.....100 lbs. 5.97 - —
l.c.l. .....100 lbs. 6.12 - —
Cornsilk, bls .....lb. .15 - .19
Corrosive sublimate, NF, cryst., dms., 50 lbs. or more..lb. 1.63 - —
gran., powd., dms., 50 lbs. or more lb. 1.53 - —
Cottonroot bark, bls.....lb. .26 - .28
Cottonseed hull ash, 32-36% potash, bgs., dlvd., unit-ton. 1.75 - —
Meal, 41% protein, bulk, Memphis..ton.61.50 -62.00
Coumarin, cns., 25 lb .....lb. 2.75 - —
smaller lots.....lb. 2.90 - 2.90
powd., cans .....lb. 3.00 - 3.03
Cramp bark, NF, bls .....lb. .80 Nom.
Cranesbill root, bls .....lb. .28 - .30
Cream of tartar, dom., NF, gran. or powd., bbls., 5,000 lbs. one ship..lb. .27½- —
smaller lots .....lb. .28 - .29
imported, kgs. .....lb. .22 - .24
Creosote, coaltar, crude, tanks, works, frt. equald..gal. .14 - .18
refined, dms., c.l., works..gal. .36½- .40
l.c.l., same basis.....gal. .37½- .47
tanks, same basis.....gal. .23½- —
solution, 80%, tanks, works.gal. .168 - —

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NICHOLS TRIANGLE BRAND
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COPPER SULPHATE

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Electrolytic Refiners of Copper
40 Wall Street, New York 5, N. Y. 230 N. Michigan Ave., Chicago 1, Ill.

Creosote—Dimethyl Sulphate

Creosote, NF, beechwood, bots., cbys. lb. 1.15 - 1.20
hardwood, bots, cbys. lb. .85 - —
Pinewood, dms. gal. .37 - .38
Carbonate, NF, bots., cbys. lb. 2.35 - 2.40
Cresols, tech., dry, above 207°C, non-ret. dms., c.l. frt. equald. lb. .1130- —
l.c.l., same basis lb. .1160- —
ret. dms., c.l., same basis. lb. .11 - —
l.c.l., same basis lb. .113 - —
tanks, same basis lb. .10 - —
USP, non-ret., dms., c.l., same basis lb. .1160- —
l.c.l., same basis lb. .1210- —
ret. dms., c.l., same basis lb. .115 - —
l.c.l., same basis lb. .118 - —
tanks, same basis lb. .1050- —
Crotonaldehyde, 91-93%, dms., c.l works lb. .16½- —
l.c.l., works lb. .17 - .20
Cryolite, nat., dealers, bgs., c.l., works 100 lbs. 13.75 - —
bbls., l.c.l., works 100 lbs. 14.00 - —
Cube root, powd., 5% rotenone, bgs., ton lots, works lb. .26 - —
Cuneb berries, XX NF bgs. lb. .35 - .45
powd., cs. lb. .44 - .54
Culvers root, bbls. lb. .50 - .60
Cumene, dms., c.l. lb. .08 - —
l.c.l. lb. .09 - —
tanks gal. .53 - .56
Cumin seed, Iranian, bgs. lb. .16 - .16½
Morocco, bgs. lb. .16¼ - .16½
Syrian, bgs. lb. .17 - .17½
Cutch, extract, 55% tannin, bgs., ex dock lb. 07 - —

Cyanamide, fertilizer mixing grades, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, bulk ton. 46.50 - —
pulv., 21% N., bgs., same basis unit-ton. 2.58 - —
Cyclohexane, tech., dms., c.l., works. lb. .10½- .11⅛
l.c.l., works lb. .11 - .12
tanks, works lb. .09¼- .10
Cyclohexanol, tech., dms., c.l., works. lb. .21½- —
l.c.l., works lb. .22 - —
tanks, works lb. .20 - —
Cyclohexanone, tech., dms., c.l., works. lb. .26½- .30
l.c.l., works lb. .27 - .31
tanks, works lb. .25 - .29
Cyclohexylamine, dms., works lb. .34 - —
Cyclohexylamine, dms., c.l., works. lb. .34 - —
l.c.l., works lb. .35 - —
tanks, works lb. .33 - —
Cyclopropane, USP, 2 lb. cyls, works, cyl. 40.00 - —
6 oz. cyls., works cyl. 10.50 - —
Hospitals, cyls., 40 gal. lots gal. .32 - —
100-gal. lots gal. .31 - —
200-gal. lots gal. .30 - —

D

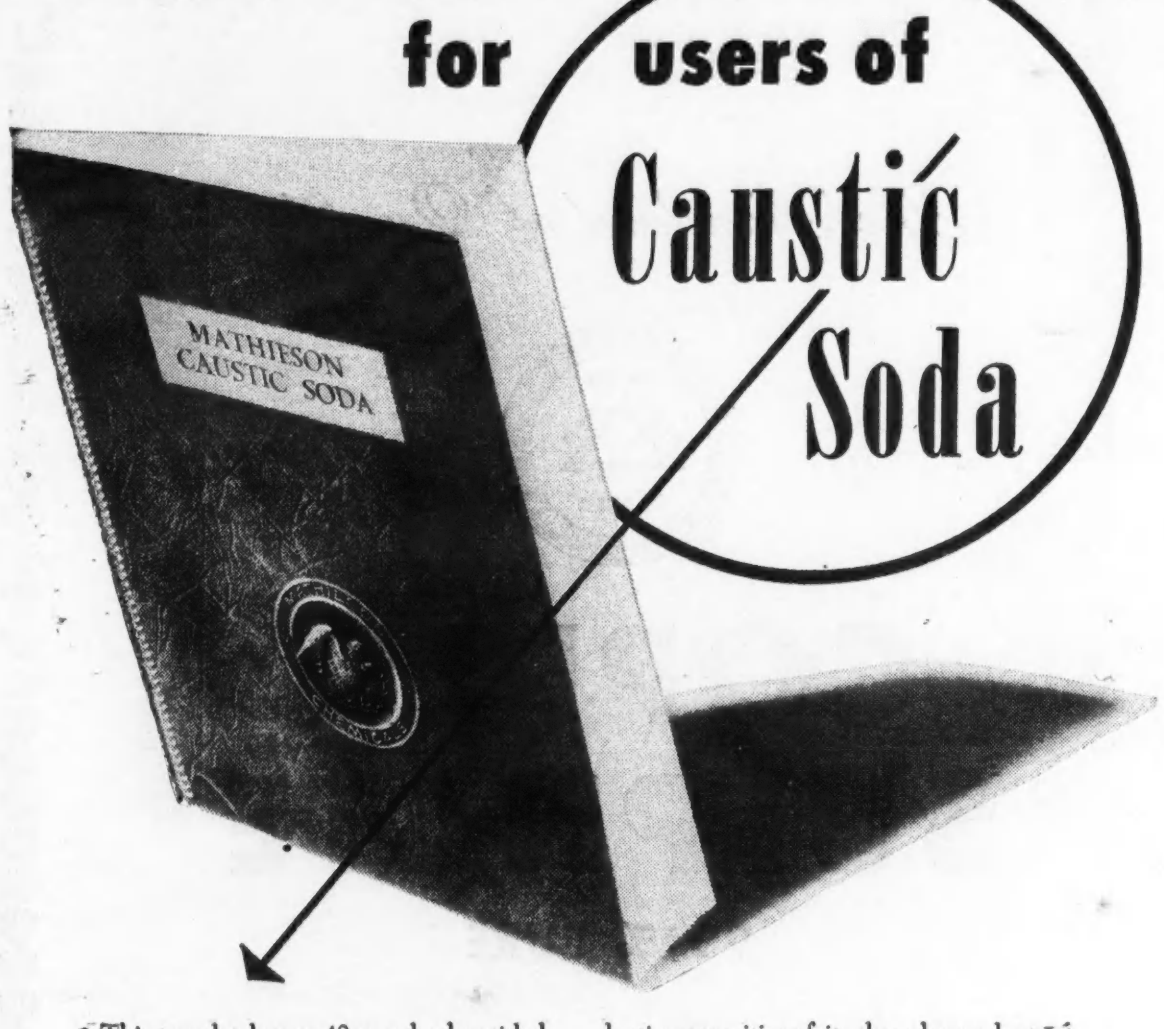
2, 4-D, bbls., c.l., works, frt. equald. lb. .43 - .48
l.c.l., same basis lb. .48 - .60
Isopropyl ester, dms., c.l., works lb. .54 - —
l.c.l., works lb. .59 - .66

Damiana leaves, bls. lb. .40 - .45
Dandelion root, bls. lb. .40 - .45
DDD, tech., fine gru., fib., dms., c.l., works lb. .51 - —
l.c.l., works lb. .51½- —
lump, fib. dms., c.l., works lb. .49 - —
l.c.l., works lb. .49½- —
DDT, fiber dms., c.l., works, frt. equald lb. .32 - —
smaller lots, same basis lb. .33 - .35
Decanol, normal, tech., dms., c.l., dlvd lb. .34½- —
l.c.l., dlvd. lb. .36½- —
tanks, dlvd. lb. .32 - —
Deertongue leaves, bls. lb. .30 - .35
Defluorinated phosphate, 65% b.p.l., paper bgs., works ton. 44.15 - 55.75
Rock, 14½%P, paper bgs., works ton. 45.00 - —
Degras, common, bbls. lb. .10½- .12
Neutral, less 2% ffa., bbls lb. .22 - .23
over 2% ffa., bbls lb. .21 - .22
Derris root, 5% rotenone, powd. lb. .42 - —
Desoxyephedrine hydrochloride, dextro, dms. lb. 30.00 - —
dextro-laevo, dms. lb. 7.50 - —
Dextrin, corn, British gum, paper bgs., c.l. 100 lbs. 7.20 - —
Chicago 100 lbs. 6.55 - —
l.c.l. 100 lbs. 7.35 - —
Canary, paper bgs., c.l. 100 lbs. 6.94 - —
Chicago 100 lbs. 6.29 - —
l.c.l. 100 lbs. 7.09 - —
dark, paper bgs., c.l. 100 lbs. 7.04 - —
Chicago 100 lbs. 6.39 - —
l.c.l. 100 lbs. 7.19 - —

Dextrin, corn, white, paper bgs., c.l. 100 lbs. 6.76 - —
Chicago 100 lbs. 6.14 - —
l.c.l. 100 lbs. 6.94 - —
Corn dextrin in cotton bgs. 12c. to 15c. per 100 lbs. higher.
Potato, bgs. lb. .06½- .10
Tapioca, pure, envelope, bgs. lb. .15 - .16
Dextrose, USP, dms. lb. .17¾- —
Diacetone (see Alcohol, diacetone).
Diacetyl, flavor grade, bots lb. 4.00 - 5.55
laboratory grade, bots. 100 grams. 4.50 - —
tech., bots., works lb. 3.00 - —
Diamyl ether (see Ether, amyl)
Phthalate, dms., c.l., dlvd. E. lb. .34 - —
l.c.l., dlvd. E. lb. .35 - —
tanks, dlvd. E. lb. .32½- —
Dianisidin, dms. lb. 1.65 - —
Diatomaceous earth, dom., bgs., c.l., Atlantic coast ton. 50.00 - 52.00
California ton. 38.00 - 40.00
l.c.l., ex whse ton. 80.00 - —
purified, bgs., c.l., Atl. coast ton. 62.00 - —
California ton. 50.00 - —
l.c.l., ex whse ton. 90.00 - —
imported, Algerian, bgs., c.l., Atlantic coast ton. No prices.
Mexican, white, bgs., c.l., Atlantic coast lb. .03 - —
l.c.l., Atlantic coast lb. .06 - —
Dibenzyl sebacate, dms., c.l., works. lb. .66½- —
l.c.l., works lb. .67 - —
tanks, works lb. 65 - —
Dibutoxyethyl sebacate, dms., c.l., works lb. .55½- —
l.c.l. works lb. .56 - —
tanks, works lb. .54 - —
Dibutyl phthalate, dms., c.l., dlvd. lb. .29 - —
l.c.l., dlvd. lb. .30 - —
tanks, dlvd. lb. .27½- —
Sebacate, dms., c.l., works lb. .51 - —
l.c.l., works lb. .51½- —
tanks, works lb. .49½- —
Tartrate, dms., works, frt. alld lb. .62 - —
Dibutylamine, dms., c.l., frt. alld lb. .51½- .52½
l.c.l., frt. alld lb. .52½- .53½
tanks, frt. alld lb. .49 - .50
Dicapryl pntnalate, dms., c.l., dlvd. lb. .37 - —
l.c.l., dlvd. lb. .38 - —
tanks, dlvd. lb. .35½- —
Sebacate, dms., c.l., works lb. .54 - —
l.c.l., works lb. .55 - —
tanks, works lb. .53 - —
Dichloroaniln, dms., works lb. .75 - .80
Dichlorodiphenyldichloroethane (see DDD).
Dichlorodiphenyltrichloroetnane (see DDT).
Dichloroethyl ether (see Ether, dichloroethyl).
Dichloropentanes, dms., c.l., works. lb. .047 - —
l.c.l., works lb. .055 - —
tanks, works lb. .04 - —
Dichlorophenol, dms., c.l., frt. equald lb. .27 - —
l.c.l., frt. equald lb. .28 - —
Dicyclohexylamine, dms., c.l., works lb. .37½- —
l.c.l., works lb. .38 - —
tanks, works lb. .36 - —
Dicyclohexylphthalate, fib. dms., c.l., works lb. .40½- —
l.c.l., same basis lb. .41½- —
Diethanolamine, dms., c.l., b. lb. .26½- —
l.c.l., same basis lb. .27½- —
tanks, same basis lb. .25 - —
Diethyl carbonate, dms., c.l., frt. alld lb. .36½- —
l.c.l., same basis lb. .37½- —
tanks, same basis lb. .35 - —
Maleate, dms., c.l., dlvd lb. .45 - —
l.c.l., dlvd lb. .49 - .52½
tanks, dlvd lb. .43½- —
Oxalate, dms., c.l., frt. alld lb. .34½- .35½
l.c.l., same basis lb. .35½- .36½
tanks, same basis lb. .34 - —
Phthalate, dms., c.l., dlvd lb. .23½- —
l.c.l., dlvd. lb. .24½- —
tanks, dlvd. lb. .22 - —
Sulphate, dms., c.l., works lb. .16 - —
l.c.l., works lb. .16½- —
tanks, works lb. .14½- —
Diethylamine, dms., c.l., frt. alld lb. .57 - —
l.c.l., works lb. .57½- —
tanks, works lb. .55½- —
Diethylanilin, dms. lb. .48 - —
Diethyleneglycol, dms., c.l., frt alld, E. lb. .17½- —
l.c.l., same basis lb. .18½- —
tanks, same basis lb. .16 - —
Boriborate, dms., l.c.l. lb. .38 - —
Diethylether, dms., l.c.l., works lb. .44 - —
Monobutylether, dms., c.l., works. lb. .24½- —
l.c.l., works lb. .25 - —
tanks, works lb. .23 - —
Monobutylether acetate, dms., c.l., works lb. .26 - —
l.c.l., works lb. .26½- —
Monoethylether, dms., c.l., works. lb. .18 - —
l.c.l., works lb. .18½- —
tanks, works lb. .16½- —
Monoethylether, acetate, dms., c.l., works lb. .24 - —
l.c.l., works lb. .24½- —
Monomethylether, dms., c.l., works lb. .22 - —
l.c.l., works lb. .22½- —
tanks, works lb. .20½- —
Diethylenetriamine, dms., c.l., works. lb. .42 - —
l.c.l., works lb. .42½- —
tanks, works lb. .40 - —
Diethylethanolamine, dms., c.l., works lb. .61½- —
l.c.l., same basis lb. .62½- —
tanks, same basis lb. .60 - —
Diethylstilbestrol, USP, bots. kilo. 240.00 - 320.00
Digitalin, cryst., bots gram. 12.50 - 18.00
powd., bots oz. 25.00 - 30.00
Digitalis leaves, dms. lb. .85 - 1.25
Digitoxin, USP, bots gram. 9.60 - 10.00
Diglycol, laurate, dms lb. .30 - .32
Oleate, dms lb. .25 - .27
Stearate, dms lb. .25 - .26
Dihexyl sebacate, dms., c.l., works, lb. .42½- —
l.c.l., works lb. .43 - —
tanks, works lb. 41 - —
Dihydrostreptomycin hydrochloride and sulphate, hospitals, vials. gram. .60 - —
wholesalers, vials gram. .48 - —
Dihydroxydichlorodiphenylmethane, dms. lb. .95 - 1.00
smaller containers lb. 1.05 - 1.40
Di-isobutyl ketone, dms., c.l. dlvd. lb. .14 - —
l.c.l., dlvd lb. .14½- —
tanks, dlvd lb. .12½- —
Di-isobutylene, dms., c.l., works. lb. .07 - —
l.c.l., works lb. .07½- —
tanks, works lb. .05½- —
Di-isooctyl phthalate, dms., c.l., dlvd. lb. .39½- —
l.c.l., same basis lb. .40½- —
tanks, same basis lb. .38 - —
Dillseed, natural, bgs. lb. .10½- .11
dewhiskered, bgs. lb. .12 - .12½
Dimethyl chloroacetal, dms., c.l., works lb. .53 - —
l.c.l., works lb. .55 - —
tanks, works lb. .51 - —
Phthalate, dms., c.l., dlvd lb. .23½- —
l.c.l., dlvd. lb. .24½- —
tanks, dlvd. lb. .22 - —
Sebacate, dms., c.l., works lb. .69½- —
l.c.l., works lb. .70 - —
tanks, works lb. .68 - —
Sulphate, 55-gal. ret., dms., c.l., works lb. .15 - —
l.c.l., works lb. .16 - —
10-gal. ret. dms., works lb. .16½ - —

for users of

Caustic Soda



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B127

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Dimethylamine, 25%-40%, dms., cl., works, basis 100%. lb. .27 - .38
l.c.l., works, basis 100%... lb. .37½ - .38¼
tanks, works, basis 100%.... lb. .33 - —
Dimethylanilin, dms., c.l..... lb. .23 - —
l.c.l. ..... lb. .25 - —
tanks ..... lb. .21 - —
Dimethylethanolamine, dms., c.l., dlvd.. lb. 1.43 - —
l.c.l., dlvd. ..... lb. 1.45 - —
tanks, dlvd. ..... lb. 1.40 - —
Dinitroaniln, dms., frt. equaid lb. 50 —
Dinitrobenzene, crude, bbls lb. .16 —
Dinitrochlorobenzene, 48° C m.p., dms., c.l.. lb. .13½ - .14½
l.c.l. ..... lb. .14 - .15
tanks ..... lb. .13¼ - .14¼
Dinitrophenol, bbls. ..... lb. .25
Dinitrotoluene, oily, dms..... lb. .08½ - .09
refd., dms ..... lb. .18 - .21
Dinonylnaphthalene c.l., dms., works lb. .13 —
l.c.l. dms., works lb. .14 —
tanks works lb. .12 —
Dioctyl phthalate, dms., c.l., frt. alld.. lb. .39½ - —
l.c.l., frt. alld ..... lb. .40½ - —
tanks, frt. alld ..... lb. .38 - —
Diorthotolylguanidin, dms., ton lots, dlvd.. lb. .48 - —
smaller lots, dlvd ..... lb. .50 - —
Dioxan, dms., c.l., frt. alld..... lb. .25 - —
l.c.l., same basis ..... lb. .25½ - —
tanks, same basis ..... lb. .23¼ - —
Dip oil (see Tar acid oil).
Dipentaerythritol, bgs., l.c.l., works lb. .34 - —
Dipentene, dest.-dist., dms. incl., c.l., works, South.. gal. .35 - .53
l.c.l., same basis ..... gal. .36 - .55
N. Y. whse. ..... gal. .46 - —
tanks, works, South ..... gal. .20 - —
steam-dist., dms., c.l., works, South.. gal. .36 - —
l.c.l., works, South ..... gal. .46 - —
dlvd. N. Y. ..... gal. .52 - —
Diphenyl, bbls., c.l., works... lb. .15 - —
l.c.l., works ..... lb. .16 - .20
Oxide, perfume grade, cns., dms. lb. .43 - .52
Diphenylamine, bbls. ..... lb .26 —
Diphenylguanidin, dms., ton lots lb. .39 - —
smaller lots ..... lb .40 - —
Diphenylhydantoin-sodium, USP, dms. lb. 3.25 - 3.50
Dipropylenegiycol, dms., c.l., frt. alld .lb. .14½ - —
l.c.l., same basis ..... lb. .15½ - —
tanks, same basis ..... lb. .13 - —
Dipropylenegiycol methylether, dms., c.l., frt. equaid lb. .18 - —
l.c.l., same basis ..... lb. .18½ - —
tanks, same basis ..... lb. .16½ - —
Ditertiarybutylmetacresol, dms., c.l., works .lb. .32 - —
l.c.l., works ..... lb. .33 - —
tanks, works ..... lb. .31 - —
Ditertiarybutylparacresol, dms., c.l., works lb. .91 - —
l.c.l., works ..... lb. .95 - —
Divi-divi, 43% tannin, bgs., bls., c.l., U. S. ports, ex dock..ton. 68.00 - —
Divinylbenzene, 18%, dms., c.l., works .lb. .25 - —
l.c.l., works ..... lb. .26 - —
tanks, works ..... lb. .24 - —
40%, dms., c.l., works..... lb. .55 - —
l.c.l., works ..... lb .60 - .65
Dodecyltoluene, dms., c.l., works lb. .14 - —
l.c.l., works ..... lb. .15 - —
tanks, works ..... lb. .13 - —
Doggrass root, dom., cut, bls... lb. .20 - .24
imp., NF, cut, bls..... lb. .25 - .30
Dogwood bark, Jamaica ..... lb. .10 - .14
Dragon's blood, drops, cs..... lb. .45 - .47
mass, cs. ..... lb. .90 - 1.00
reeds, cs ..... lb. 1.75 2.00

Dyes, coaltar, certified colors for food, drugs and cosmetics, 5-lb. and 1-lb. lots, dlvd.:—
Blue, FD&C, No. 1, cns. ..... lb.17.00 -17.60
No. 2, cns. ..... lb.17.00 -17.60
Green, FD&C, No. 1, cns. .... lb.17.00 -17.60
No. 2, cns. ..... lb.22.20 -22.85
No. 3, cns. ..... lb.35.25 -35.90
Orange, FD&C, No. 1, cns. .. lb. 3.65 - 3.75
No. 2, cns. ..... lb. 4.55 - 4.75
Red, FD&C, No. 1, cns. ..... lb. 7.55 - 7.85
No. 2, cns. ..... lb. 4.00 - 4.10
No. 3, cns. ..... lb.22.20 -22.85
No. 4, cns. ..... lb. 7.20 - 7.50
No. 32, cns. ..... lb. 5.30 - 5.40
Yellow, FD&C, No. 1, cns. .... lb.10.50 -11.05
No. 3, cns. ..... lb. 3.30 - 3.40
No. 4, cns. ..... lb. 3.30 - 3.40
No. 5, cns. ..... lb. 4.00 - 4.10
No. 6, cns. ..... lb. 4.00 - 4.10

Dyes, coaltar, certified colors for drugs and cosmetics, 1-lb. lots, works, 25-50 lb. lots, dlvd:—
Black, D&C, No. 1, cns. ..... lb.10.93 - —
Blue, D&C, No. 4, cns. ..... lb.13.55 - —
Brown, D&C, No. 1, cns. ..... lb.16.10 - —
Green, D&C, No. 5, cns. ..... lb.16.10 - —
No. 6, cns. ..... lb.16.10 - —
No. 7, cns. ..... lb.14.80 - —
Orange, D&C, No. 3, cns. ..... lb.10.95 - —
No. 4, cns. ..... lb.20.05 - —
No. 5, cns. ..... lb. 5.70 - —
No. 10, cns. ..... lb.20.70 - —
Red, D&C, No. 8, cns. ..... lb. 3.75 - —
No. 9, cns. ..... lb. 3.75 - —
No. 10, cns. ..... lb. 3.00 - —
No. 11, cns. ..... lb. 2.25 - —
No. 12, cns. ..... lb. 3.00 - —
No. 17, cns. ..... lb.10.95 - —
No. 18, cns. ..... lb.24.00 - —
No. 19, cns. ..... lb.20.05 - —
No. 21, cns. ..... lb. 4.70 - —
No. 22, cns. ..... lb.10.95 - —
No. 28, cns. ..... lb.24.65 - —
No. 33, cns ..... lb.17.45 - —
Violet, D&C, No. 1, cns. ..... lb.16.10 - —
No. 2, cns. ..... lb.16.10 - —
Yellow, D&C, No. 7, cns. ..... lb.10.95 - —
No. 8, cns. ..... lb.10.95 - —
No. 10, cns. ..... lb.13.50 - —
No. 11, cns. ..... lb.13.50 - —
No. 22, cns. ..... lb. 9.15 - —
No. 33, cns. ..... lb.14.65 - —
No. 37, cns. ..... lb.13.55 - —

Dyes, coaltar, certified colors for drugs and cosmetics, external use, 1-lb. lots, works, 25-50 lb. lots, dlvd:—
Blue, Ext. D&C, No. 1, cns.... lb.16.10 - —
Green, Ext. D&C, No. 1, cns. .. lb.16.10 - —
Red, Ext. D&C, No. 1, cns. ... lb.13.50 - —
Yellow, Ext. D&C, No. 1, cns. . lb.10.95 - —

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype).
20 Chrysodine G. ..... lb. .59 - —
27 Orange G. ..... lb. .71 - —
31 Amido naphthol red G. ... lb. .59 - —
36 Alizarine yellow 2G ..... lb. .76 - —
40 Alizarine yellow R ..... lb. .97 - —
57 Amido naphthol red 6B lb. .90 - —
79 Ponceau R..... lb. .68 - —
151 Orange II..... lb. .44 - —
165 Red lake C..... lb. 1.05 - —
179 Azo rubine..... lb. .95 - —
176 Red lake A ..... lb. .80 - —
180 Diamond blue 3B..... lb. .84 - —
185 Cochineal red A ..... lb. .85 - —
202 Chrome blue black R.... lb. .62 - —
203 Chrome black T ..... lb. .72 - —
208 Sulphon acid blue R..... lb. .83 - —
216 Acid alizarin red B ..... lb. .77 - —
234 Resorcin brown ..... lb. .82 - —
246 Naphthol blue black..... lb .78 - —
278 Benzo fast red SBL..... lb. 2.74 - —

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype)—
289 Sulphon cyanine 5R extra lb. 1.00 - —
299 Diamond black F..... lb. 1.78 - —
304 Nerol 2B..... lb. 1.84 - —
326 Benzo fast orange S..... lb. 1.45 - —
332 Bismarck brown R ..... lb. .78 - —
365 Chrysophenine ..... lb. 2.14 - —
382 Diamine black BH..... lb. 1.51 - —
401 Diamine black BH..... lb. .58 - —
406 Benzo blue 2B conc..... lb. .96 - —
419 Diamine fast red F..... lb. 1.05 - —
420 Diamine brown M ..... lb. .82 - —
448 Benzo purpurine 4B..... lb. 1.08 - —
518 Diamine sky blue FF..... lb. 1.46 - —
561 Trisulphon brown B ..... lb. 1.78 - —
581 Direct deep black EW extra, lb. .81 - —
593 Diamine green B ..... lb. .60 - —
598 Congo brown G ..... lb. 1.20 - —
620 Sun yellow ..... lb. .84 - —
639 Xylene light yellow..... lb. 1.77 - —
640 Tartrazine ..... lb. 1.34 - —
655 Auramine ..... lb. 1.69 - —
657 Malachite green ..... lb. 1.93 - —
662 Brilliant green ..... lb. 2.55 - —
667 Brilliant milling green B lb. 3.27 - —
671 Glaucine ..... lb. 1.54 - —
680 Methyl violet B ..... lb. .95 - —
681 Crystal violet ..... lb. 1.91 - —
698 Formyl violet S4B..... lb. 1.51 - —
720 Chrome azurol B ..... lb. 3.60 - —
729 Victoria blue B ..... lb. 2.48 2.68
737 Wool green S..... lb. 2.14 - —
749 Rhodamine B ..... lb. 3.85 - —
814 Chloramine yellow..... lb. 2.76 - —
841 Safranine ..... lb 2.58 - —
863 Nigrosine WSJ 78 ..... lb. .60 - —
922 Methylene blue GXX..... lb. 1.28 - —
969 Hydron blue R ..... lb. .72 - —
978 Sulphur black T extra..... lb. .28½ - —
1027 Alizarin VI ..... lb. .64 - —
1034 Alizarin red S ..... lb 2.30 - —
1054 Alizarin saphiro B ..... lb. 2.59 - —

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype)—
1078 Alizarin cyanine green.... lb. 2.61 - —
1085 Alizarin blue black B ..... lb 2.13 - —
1096 Indanthrene golden orange G, single paste.. lb. 1.95 - —
double paste ..... lb. 3.92 - —
1099 Indanthrene dark blue BO, single paste lb. 1.72 - —
1101 Caledon jade green ..... lb. 2.32 - —
1106 Indanthrene blue RS, double paste .lb. 2.52 - —
1113 Indanthrene blue GCD, double paste .lb. 1.73 - —
1150 Indanthrene olive R, single paste lb. 1.08 - —
1151 Indanthrene brown R, single paste. lb. 1.63 - —
double paste ..... lb. 3.29 - —
1212 Indanthrene red violet RH, single paste. lb. 1.54 - —
1217 Helindon orange R, single paste lb. 1.37 - —
p-4 Acid anthracine brown P.G. lb. 2.48 - —
p-14 Anthracene chromate brown EB .lb. 1.25 - —
p-24 Benzo fast black L ..... lb. 1.94 - —
p-80 Diazo brilliant scarlet ROA. lb. 2.55 - —
p-202 Zambesi black V ..... lb. .97 - —
p-244 Celliton scarlet B..... lb. 1.25 - —
p-313 Naphthol AS-SW ..... lb. 2.74 - —

Dyes, coaltar, for stains, oil-soluble, 100-lb. dms., sellers' works.
Black, blue, No. 550..... lb. .72 - —
Jet, No. 551 ..... lb. .79 - —
Brown, R, conc ..... lb. 1.44 - —
Orange R, brilliant..... lb. .80 - —
Red 4 B, conc..... lb. 1.22 - —
Yellow, C ..... lb. 1.05 - —
FN, conc ..... lb. 1.08 - —

Dyes, coaltar, for stains, spirit-soluble, 100-lb. dms., sellers' works.
Auramine, O..... lb. 1.69 - —
Black, basic, blue..... lb. 1.08 - —
Jet ..... lb 1.08 - —
Blue, methylene, 2 B, conc lb. 1.42 - —
Brown, Bismarck, R, conc lb 78 - —
Chrysodine, R, extra..... lb. .55 - —
Y, extra..... lb. .59 - —
Fuchsine, conc ..... lb. 2.82 - —
Green, malachite, conc..... lb. 1.93 - —
Rhodamine, B ..... lb 3.97 - —
Safranine, Y, conc ..... lb 2.66 - —
Violet, methyl, B..... lb. 1.01 - —

Dyes, coaltar, for stains, water-soluble, 100-lb dms., sellers' works.
Black, acid blue, 8 extra lb 76 - —
Orange, acid, Y, conc ..... lb. .42 - —
Rhodamine, azo- R, extra, conc.
Rhodamine, R, extra, conc lb. 3.97 - —
Scarlet, croceine, MOO ..... lb. 1.33 - —
Yellow, azo-, conc..... lb. .82 - —
Fast light, 3 G, extra.... lb. 1.80 - —
Methanil, conc ..... lb. .83 —
Oil-soluble, spirit-soluble, water-soluble dyes in kegs, 3c. higher; tins, 10c. higher.

E

Echinacea root, bls ..... lb 45 - .85
Egg albumen (see Albumen).
Yolk, dried, dom., bbls..... lb. 1.09 - 1.12
tanners, bbls ..... lb. 06½ - .07
Elder flowers, bright, bls..... lb. 40 - .50
Elecampane root, bls ..... lb. .22 - .25
Elm bark, grinding, bls..... lb. .30 - .35
powd., bbls., bxs ..... lb. .40 - .45
select, bndls..... lb. .55 - .60

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Emetine hydrochloride, USP, bots oz. 38.75 - 42.00
Ephedra herb, bls lb. .30 - .32
Ephedrine, synthetic, USP, anhydrous, bots., 100 ozs oz. .98 - —
hydrous, bots., 100 ozs oz. .92 - —
Hydrochloride, tin, 100 ozs oz. .75 - —
Sulphate, cryst., tins, 100 ozs. oz. .72 - —
powd., tins, 100 ozs oz. .73 - —
Epichlorohydrin, dms., c.l., works lb. .36½- —
l.c.l., works lb. .37 - —
tanks, works lb. .35 - —
Epinephrine, synth., USP, bots., 100 grams gram .45 - —
Epsom salt, tech., bgs., c.l., works, 100 lbs. 2.15 —
l.c.l., works 100 lbs. 2.90 - 3.15
USP, cryst., bgs., c.l., works 100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal 100 lbs. 3.10 - —
smaller lots 100 lbs. 3.35 - —
Ergot, NF, dms., tin-lined lb. 4.00 - 4.25
Eserine, bots. oz. 45.00 -50.00
Salicylate, USP, bots oz. 36.00 -40.00
Sulphate, bots. oz 35.00 -36.00
Ether, acetate (see Ethyl acetate).
Butyl, dms., c.l., dlvd lb. .30½- —
l.c.l., dlvd lb. .31 - —
tanks, dlvd lb. .29 - —
Butyric (see Ethyl butyrate).
Dichloroethyl, purif., dms., works, lb. .16½- —
l.c.l., same basis lb. .17 - —
tanks, same basis lb. .15 - —
Divinyl, USP, anesthesia, bots., 50 cc, hospitals bot. 1.00 - —
75 cc, hospitals bot. 1.56 - —
Ether, ethyl, absolute, ACS, dms lb. .30 - —
anesthesia, USP, hospital, cns. lb. .75 - .90
Industrial, USP, dms., c.l., dlvd. lb. .10½- —
l.c.l., same basis lb. .12½- —
tanks, same basis lb. .08½- —
synthetic, dms., incl., dlvd. East lb. .10½- —
l.c.l., same basis lb. .12½- —
tanks, same basis lb. .08½- —
Isopropyl, dms., c.l., dlvd lb. .06 - —
l.c.l., dlvd lb. .06½- —
tanks, dlvd lb. .04½- —
Nitrous, cone., bots., 100 lbs lb. 1.03 - 1.10
Ethyl acetate, natural, fermentation, 85-88%, dms., c.l. frt. alld. lb. .10½- —
l.c.l., frt. alld lb. .11½- —
tanks, frt. alld lb. .09 - —
95-98%, dms., c.l., frt. alld. lb. .10¾- —
l.c.l. frt. alld lb. .11¾- —
tanks, frt. alld lb. .09¼- —
99%, dms., c.l., frt. alld. lb. .11 - —
l.c.l. frt. alld lb. .12 - —
tanks, frt. alld lb. .09½- —
synthetic, 85-90%, dms., c.l., frt. alld lb. .10½- —
l.c.l., frt. alld lb. .11½- —
tanks, frt. alld lb. .09 - —
95-98%, dms., c.l., frt. alld. lb. .10¾- —
l.c.l., frt. alld lb. .11¾- —
tanks, frt. alld lb. .09¼- —
99%, dms., c.l., frt. alld lb. .11 - —
l.c.l., frt. alld lb. .12 - —
tanks, frt. alld lb. .09 - —
Acetoacetate, dms., c.l., dlvd lb. .47½- —
l.c.l., dlvd. lb. .48½- —
tanks, dlvd. lb. .46 - —
Ethyl acrylate, dms., c.l., and truckload, works lb. .49 - —
less than truckload, works lb. .49½- —
tanks, works lb. .48 - —
Benzoate, dms lb. .68 - —
Betaethoxypropionate dms. works lb. .70 - —
Bromide, tech., 96% dms lb. .39 - .41
Butyrate, bots gal. 4.75 - —
cns., works lb. .65 - .70
dms., works lb. .60 - —
Carbamate (see Urethane)
Chloride, tech., tanks frt. alld. East lb. .13½- —
USP, bbls., cyl lb. .20 .22
Cinnamate, cns lb. 2.30 3.60
Formate, dms lb .35 - —
Iodide, bots., works lb. 3.50 - 4.27
cbys., works lb. 2.60 - 2.85
Lactate, dms., works lb. .41 - —
Methacrylate, dms., c.l. and truckload, works lb. .50 - —
less than truckload, works lb. .50½- .60
Nitrite (see Ether, nitrous)
Oenanthate, dms lb 1.00 2.00
Oleate, dms. l.c.l. works lb. .53 - —
Oxalate (see Diethyl oxalate).
Silicate, dist (see Tetraethylorthosilicate).
40% available SiO_2, dms. works, lb .55 - —
Ethylalphanaphthylamine, dms lb .80 - —
Ethylanilin, dms lb .60 - —
Ethylbenzene, dms., c.l lb .14 - —
l.c.l. lb .15 - —
tanks lb .13 - —
Ethylcellulose, 6b dms., 5,000 lbs., works lb .52 - —
smaller lots, works lb .54 - .62
Ethylene dichloride, dms., c.l., works, frt. alld. E. of Rockies lb .09½- —
W. of Rockies lb .10½- —
Ethylene dichloride, dms., l.c.l., works, frt. alld. E. of Rockies lb .11½- —
W of Rockies lb .11½ - —
tanks, frt. alld., E. Rockies lb .08 - —
W of Rockies lb .09 - —
Oxide, cyls., c.l., works lb .23¾- —
l.c.l., works lb .24¾- —
tanks, frt. alld. East lb .16¾- —
Trichloride (see Trichloroethane)
Ethylenediamine, dms., c.l., works lb .42 - —
l.c.l., works lb .42½- —
tanks, works lb .40 - —
Ethyleneglycol, dms., c.l., frt. alld. E lb .16 —
l.c.l., same oasis lb .17 - —
tanks, same basis lb .14½- —
Diethylether, dms., l.c.l. works lb .50 —
Monobutylether, dms., c.l., works, lb .20 - —
l.c.l., works lb .20½- —
tanks, works lb .18½- —
Monoethylether, dms., c.l., works, lb .18 - —
l.c.l., works lb .18½- —
tanks, works lb .16½- —
Monoethylether acetate, dms., c.l., works lb .16 - —
l.c.l., works lb .16½- —
tanks, works lb .14½- —
Monomethylether, dms., c.l., works lb 1.5½ —
l.c.l., works lb .20 - —
tanks, works lb 18 —
Monomethylether acetate dms., c.l. works lb 24½ —
l.c.l., works lb 25 —
tanks, works lb 23 —
Monostearate, dms. lb .33 - —
Ethylethanolamines mixed dms. c.l. works lb .32 —
l.c.l. works lb 33 —
Ethylmorphine hydrochloride USP bots oz 11.85 - —
Ethylorthotoluidine, bbls. lb 80 —
Ethylvanillin, cns., 3 lbs or more lb 6.75 —
smaller lots lb 6.80 6.90
Eucalyptol, USP, cns., dms lb 1.25 2.05
Eucalyptus leaves, bls lb 10 .14
Eugenol, prime, USP lb 2.05 2.75
Euphorbia, pil., nero, ols lb .18 .20

F

Feldspar enamel, 100 mesh, bgs., works ton. 20.00 -22.00
Glass, 20 mesh, bulk, tons, works, con. 11.75 -12.50
Pottery, bgs., ton lots, works ton. 20.00 -22.00
bulk, c.l., works ton. 18.00 -20.00
Fennel seed, Argentine, bgs lb. .16 Nom.
French, bgs lb. .12 - .13
Indian, bgs lb. .12 - .12½
Fenugreek, domestic, bgs lb. No stocks.
Indian, bgs lb. .11 - .11½
futures, bgs lb. .11 - .11½
Moroccan, bgs lb. .06¾- .07
Syrian, bgs lb. .07 - .07¼
Ferric-ammonium citrate (see iron-ammonium citrate)
Ferric cacodylate (see iron cacodylate).
Ferric glycerophosphate (see iron-glycerophosphate).
Ferric hypophosphite (see Iron hypophosphite).
Ferric sulphate (see Iron sulphate, ferric).
Film scrap, colored, cs., works lb. .11½- —
water-white, cs., works lb. .13½- —
Fir balsam, Canada, cns gal. 32.50 -33.00
Oregon, bbls. gal. 2.35 - 2.60
Fishberries, bgs lb. .20 - .25
Fishliver oil (see Oil, fishliver).
Fishmeal, ground, 60% protein, bgs., Balto. area ton. 155.00 - —
Fishscrap, dried, 60% protein, bulk, Balto. area ton. 145.00 - —
Fleaseed (see Psyllium seed)
Fringetree bark, bls lb. 42 45
Fluorspar, acid grade, bgs., c.l. mines ton. 47.50 - —
l.c.l., mines ton 49.50 - —
bulk, contract, c.l., mines ton. 42.00 - —
noncontract, c.l., mines ton. 43.00 - —
l.c.l., mines ton. 47.00 - —
ceramic grade, No. 1, ground, 90-92% CaF_2, bulk, c.l., mines net ton. 39.00 -41.00
powd., 90-92% ton. 41.00 —
foundry grade, lump, 55-60%, ton. 34.00 —
washed, gravel, 70% or more, CaF_2, bulk, c.l., mines ton. 35.00 -37.00
65%, bulk, c.l., mines ton. 34.00 -36.00
60%, bulk, c.l., mines ton. 33.00 -35.00
less than 60% bulk, c.l., mines, ton. 32.00 -34.00
Formaldehyde, USP (inhibited), dms., c.l., E. works lb. .0570- —
l.c.l., E. works lb. .0620- —
tanks, E. works lb. .0370- —
methanol-free (uninhibited), tanks, works lb. .0350- —

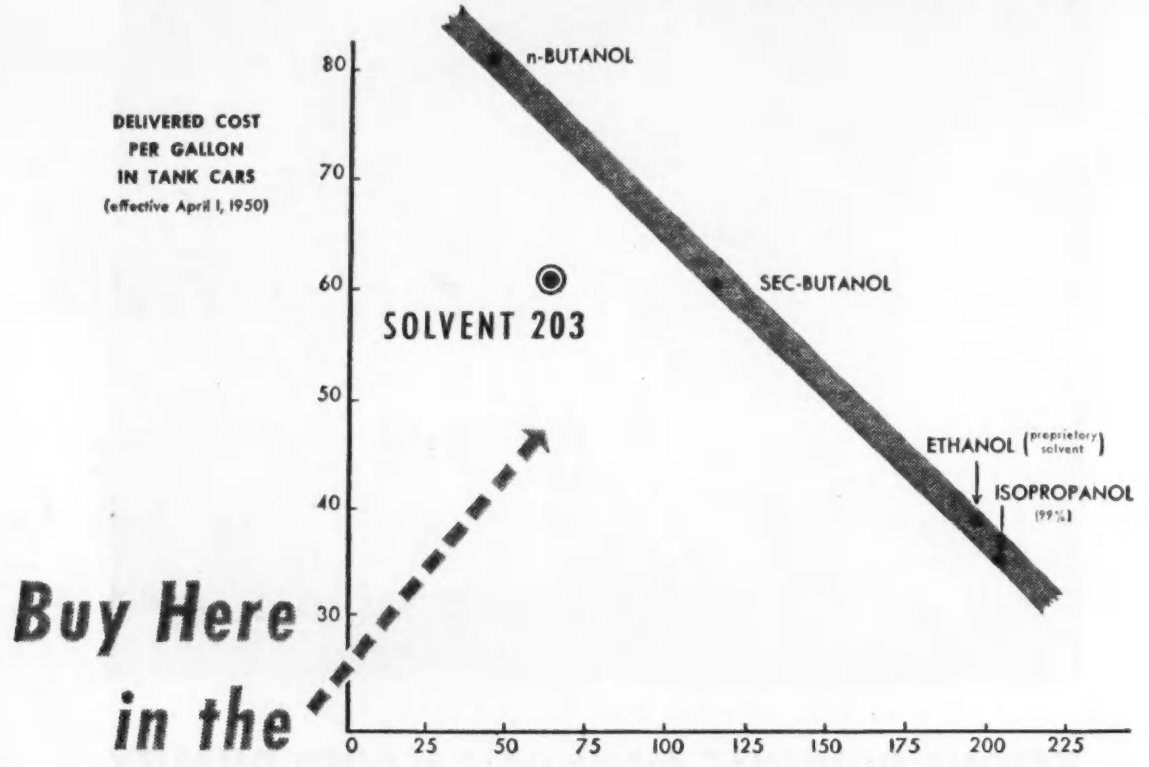
Tankcar and tankwagon prices above are on a delivered basis in New England, Eastern New York, N. J., Eastern Penna., and part of Delaware. In states other than Eastern Seaboard, as well as W. of Rockies, prices f.o.b. Texas plants, are .022 for inhibited and .020 for uninhibited.

Fuller's earth, dom., powd., bgs., c.l., Fla., Ga mines ton. 30.00 —
Tex., mines ton. 27.00 —
spent, bulk, Bayonne ton 2.00 4.00
imported, bgs., c.l. ton. 30.00 -40.00
Furfural, tech., dms., c.l., works lb. .12 —
l.c.l., works lb. .14 —
tanks, works lb. .09½- —
Fusel oil, refined, dms., c.l., dlvd lb. .21½- .23½
l.c.l., dlvd lb. .22½- .24½
tanks, dlvd lb. .20 - .22
Fustic extract, cryst., No. 1, bbls., l.c.l lb. 42½- —
No. 1A, bbls., l.c.l lb. 41½- —
No. 2, bbls., l.c.l lb. 40½- —
No. 3, bbls., l.c.l lb. 38½- —
liquid, No. 0, bbls., l.c.l lb. .22 - —
No. 1, bbls., l.c.l lb. .20½- —
No. 2, bbls., l.c.l lb. .19½- —
No. 3, bbls., l.c.l lb. .17 - —
solid, No. 1, bxs., l.c.l lb .20 - —

G

G salt, bbls lb. .50 .60
Galangal root, bgs lb. .23 - .25
Gambier, plantation, bgs., ex dock lb. No stocks.
Extract, bbls No stocks.
Gammapicoline, 95%, dms., c.l., works lb. 1.00 1.05
Gasoline, at refinery, ex tax, Arkansas, 80 octane, tanks gal. .0975- —
Bayonne, 83 octane, tanks gal. .1070- —
Gulf coast, 80 octane, tanks gal. .10 - .11
Group 3, 80 octane, tanks gal. .09375- .09625
Pennsylvania, western, U. S. motor, 83 octane, tanks gal. .12 - —
natural, 26-70 octane, group 3, tanks gal. .04 - —
Gelatin, silver label, imported, cs lb. 1.15 —
Gelsemium root, ols lb. .25 .30

SOLVENTS



Buy Here in the Area of Economy...

It is no longer necessary to pay premium prices for alcohol solvents in order to get the evaporation rate you require. Look at this chart. It shows the cost as a function of evaporation rate of five alcohols commonly used in nitrocellulose lacquers and other applications. Inside the curve—*in the area of economy*—you'll find Celanese Solvent 203 (a mixture of normal butanol and isobutanol.)

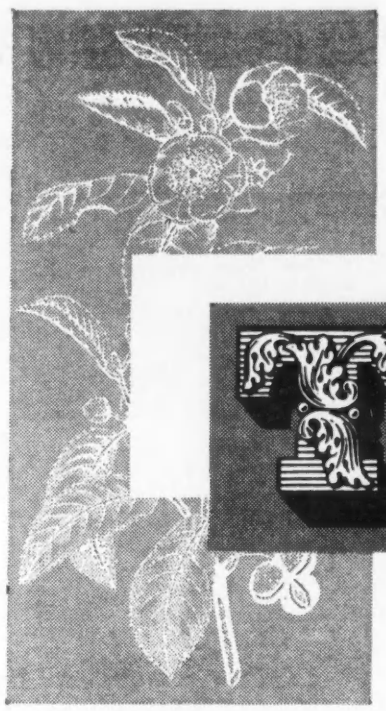
This solvent can give you savings well up to 14¢ per gallon, whether used singly or as a component in your formulation. Call or write for prices and other technical information. Celanese Corporation of America, Chemical Division, Dept. 66-D, 180 Madison Avenue, New York 16, N. Y.

Celanese* CHEMICALS

*Reg. U.S. Pat. Off.

ACIDS • ALCOHOLS • ALDEHYDES • GLYCOLS • INTERMEDIATES • KETONES • PLASTICIZERS • SOLVENTS

Gentian root, bls.....lb. .13 - .17
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .21
Geraniol, extra, cns., dms.....lb. 2.50 - 2.75
prime .....lb. 2.20 - 2.40
Geranyl acetate, cns. .....lb. 2.65 - 3.90
Ginger, oleoresin, NF, African, bots.
lb. 7.50 - 8.40
Jamaican .....lb. 9.50 -12.00
Root, African, bls.....lb. .40 - .41
Mar.-May shipment, bgs....lb. .36 - .37
Cochin, bleached, bgs., futures,
lb. No stocks.
unbleached, bgs., futures..lb. No stocks.
Jamaica, No. 1, bgs., old crop ..
lb. .49 - .50
No. 2, bgs., old crop.....lb. .47 - .48
No. 3, bgs., old crop.....lb. .43½ - .44
afloat, bgs.....lb. .43 - .43½
Rhattoon, bgs .....lb. .40 - .41
Nigerian, split, bgs.....lb. .33 - .34
Ginseng root, cs.....lb.12.00 -16.00
Glauber's salt, annyd. (see Sodium sulphate).
cryst., bgs., c.l., works..100 lbs. 1.60 - —
l.c.l., bgs., works.....100 lbs. 1.75 - 2.00
Glue, bone, calcium type, 24 millipoise, 40 jellygrams, bgs., c.l., East of Midwest..lb. .17½- —
65 jellygrams, bgs., c.l., same basis..lb. .19 - —
80 jellygrams, bgs., c.l., same basis..lb. .20 - —
110 jellygrams, bgs., c.l., same basis lb. .21 - —
130 jellygrams, bgs., c.l., same basis lb. .22 - —
Over 150 jellygrams, bgs., c.l., same basis lb. .24 - —
Bone glue, l.c.l., 1c. per lb. higher than c.l.
ground, 65 jellygrams, bgs., c.l. (50,000 lbs.), dlvd..lb. .19½- —
l.c.l., same basis.....lb. .20½- —
Hide, 100-121 (jellygrams), bgs., c.l., dlvd..lb. .22 - .25
122-149, bgs., c.l., dlvd.....lb. .23 .26
150-177, bgs., c.l., dlvd.....lb. .24 .27
178-206, bgs., c.l., dlvd.....lb. .25 .29
207-236, bgs., c.l., dlvd.....lb. .26 - .30
237-266, bgs., c.l., dlvd.....lb. .27 - .31
267-296, bgs., c.l., dlvd.....lb. .28 .32
299-330 bgs., c.l., dlvd.....lb. .29 .33
331-362, bgs., c.l., dlvd.....lb. .30 - .33
363-394, bgs., c.l., dlvd.....lb. .31 - .34
395-427, bgs., c.l., dlvd.....lb. .32 - .35
428-460, bgs., c.l., dlvd.....lb. .33 - .36½
461-494, bgs., c.l., dlvd.....lb. .34 - .38
495-529, bgs., c.l., dlvd.....lb. .35 - .39
Hide glue, l.c.l., prices 1c. higher than c.l.; bbls., ½c. more than bgs.
Glycerin, crude, saponification, 83%, to refiners, tanks, dlvd lb. .16¾- .18½
soaplye, 80%, tanks, dlvd..lb. .15¼- .16½
dynamite, dms., c.l., dlvd.....lb. .24 - —
l.c.l., dlvd.....lb. .24½ - —
tanks, dlvd .....lb .23½ - —
high gravity, dms., c.l., dlvd...lb. .24¼ - —
l.c.l., dlvd.....lb. .24¾ - —
tanks, dlvd.....lb. .23¾ - —
refined, BP, 98%, dms., c.l., dlvd.
lb. .25½ - —
l.c.l., dlvd.....lb. .26 - —
tanks, dlvd .....lb. .25 - —
USP, c.p., 95%, dms., c.l., dlvd.
lb. .24¾ - —
l.c.l., dlvd.....lb. .25¼ - —
tanks, dlvd .....lb. .24¼ - —
yellow, distilled, dms., c.l., dlvd lb. .24¼ - —
lb. .24½ - —
l.c.l., dlvd.....lb. .24¾ - —
tanks, dlvd. .....lb. .23¾ - —
Glycine USP (see Acid, aminoacetic).
Glyoxal, 30%, dms., c.l., works..lb. .17½ - —
l.c.l., works.....lb. .18 - —
tanks, works .....lb .17 - —
Gold chloride, acid-brown, bots..oz.22.00 -22.25
acid-yellow, bots .....oz.20.00 -20.25
Gold of pleasure seed, bgs.....lb. .40 - .41
Goldenseal root, bls.....lb. 2.90 - 3.50
powd., bxs. .....lb. 3.50 - 4.00
Gold-sodium chloride, photo, bots.
oz.13.50 -14.00
USP IX, bots .....oz.14.50 -15.00
Grains of paradise, bgs.....lb. .72 - .72½
Graphite, imported, amorph., powd., bgs., dlvd lb. No prices.
crystalline, 88-90%, powd., bgs., ex whse lb. No prices.
90-92%, powd., bgs., ex whse.
lb. No prices.
97%, powd., bgs., ex whse..lb. No prices.
flake, No. 1, 90-95%, ogs., ctns., ex whse..lb. No prices.
No. 2, whse.....lb. No prices.
Grease, house, loose, dlvd.....lb. .05½- —
White, choice, loose .....lb. .06¾- —
Wool (see Degras and Lanolin).
Yellow, loose.....lb. .05¾- —
Green, brilliant, thioflavin, toner, molybdic, kgs., works..lb. 4.25 - 4.50
Tungstic, kgs., works.....lb. 4.25 - 4.50
16-20%, bbls., same basis lb. .38½- —
Chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C. E. of Miss., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. .32 - —
6-10%, bbls., same basis .
lb. .33 - —
11-15%, bbls., same basis .
lb. .34 - —
16-20%, bbls., same basis.
lb. .34½- —
21-25%, bbls., same basis .
lb. .35¼- —
26-30%, bbls., same basis .
lb. .35¾- —
31-35%, bbls., same basis .
lb. .36¾- —
36-40%, bbls., same basis .
lb. .38½- —
41-45%, bbls., same basis .
lb. .40 - —
46-50%, bbls., same basis .
lb. .41¾- —
50% and over, bbls., same basis lb. .42¾- —
reduced color, 5%, bbls., same basis lb. .12½- —
6-10%, bbls., same basis .
lb. .13¼- —
11-13%, bbls., same basis .
lb. .13¾- —
14-16%, bbls., same basis .
lb. .14½- —
17-19%, bbls., same basis .
lb. .14¾- —
20-21%, bbls., same basis .
lb. .15 - —
22-23%, bbls., same basis .
lb. .15¼- —
24-25%, bbls., same basis .
lb. .15¼- —
26-27%, bbls., same basis .
lb. .15¾- —
28-29%, bbls., same basis .
lb. .16¼- —
30-31%, bbls., same basis .
lb. .17¼- —
32-33%, bbls., same basis .
lb. .18½- —
34-35%, bbls., same basis .
lb. .19½- —
36-40%, bbls., same basis .
lb. .22¼- —
Green, chrome, reduced color, 41-45%, bbls., same basis..lb. .24½- —
46-50%, bbls., same basis .
lb. .26 - —
51-55%, bbls., same basis .
lb. .25¾- —
56-60%, bbls., same basis .
lb. .26¼- —
61-65%, bbls., same basis .
lb. .27¼- —
66-70%, bbls., same basis .
bl. .28½- —
Chrome green prices are ½c. higher dlvd, Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.
Chromium oxide, hydrated, bbls., works..lb. .75 - 1.00
pure, bgs., frt. alld .lb. .33 - .40
Dyes (see Dyes, coaltar).
Malachite, thioflavin toner, molybdic, bbls., works..lb. 3.00 - —
Tungstic, bbls., works lb. 3 40 - —
Paris (see P).
Phthalocyanin toner, bbls., works.
lb. 4.40 - 5.00
Tungstated, brilliant, kgs.....lb. 3.00 - 4.00
Emerald, kgs .....lb. 2.60 —
Verdigris (see V).
Grindelia robusta herb, bls.....lb. .24 - .30
Guaiac resin, NF, cs.....lb. 60 - .65
ordinary, cs. .....lb. .49 - .51
Wood, bls.....lb. .35 .36
Guaiacol, cryst., tins .....lb. No prices.
Liquid, NF, bots., cbys.....lb. 1.90 - 1.95
Carbonate, dms .....lb. 2.93 - 3.00
Guarana, powd., cs. .....lb. 1.50 - 1.75
Gum, accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber, sorts, bgs.....lb. .12 - .13½
powdered, USP, bbls.....lb. .20½- .21
Asafetida (see A).
Asphaltum (see A).
Benzoin, Sumatra, cs.....lb. .50 - .70
Camphor (see C).
Copal, Congo, No. 1, bgs.....lb. .25 - .26
No. 2, bgs.....lb. .20 - .21
No. 3, bgs.....lb. .16 - .17
Manila, loba, B, bgs.....lb. No prices.
C, bgs. .....lb. .26 - .27
CBB, bgs. .....lb. .22 - .23
CNE, bgs. .....lb. No prices.
DBB, bgs. .....lb. .22 - .23
DK, bgs. .....lb. .13 - .14
dust, bgs. .....lb. No prices.
soft, MA, bgs.....lb. .14 - .15
WS, bgs. .....lb. No prices.
Philippine, pale, chips, bgs..lb. .19 - .21
nubs, bgs. .....lb. .23 - .25
seeds, bgs. .....lb. .14 - .15
sorts, bgs. .....lb. .16 - .17
Pontianak, chips, bgs.....lb. .14 - .16
nubs, bgs. .....lb. .25 - .27
Dammar, Batavia, A/D, bgs..lb. .28 - .30
A/E, bgs. .....lb. .23 - .24
dust, bgs. .....lb. .07½- .08½
E, bgs. .....lb. .12½- .13½
East India, batu, bold, bgs.lb. .09 - .10
nubs and chips, bgs.....lb. .06 - .07
black, bold, bgs .....lb. .11 - .12
unscraped, bgs. .....lb. .09 - .10
nubs and chips, bgs.....lb. .09 - .10
pale, chips, bgs.....lb. .11 - .13
nubs, bgs. .....lb. .20 - .22
Singapore, No. 1, bgs.....lb. .28 - .30
No. 2, bgs.....lb. .20 - .21
No. 3, bgs. .....lb. No prices.
dust, bgs. .....lb. .09 - .10
seeds, bgs. .....lb. .12½- .13½
Gum, elemi, cns.....lb. .21 - .28
Esier, gum-rosin type, dms., c.l., dlvd. Ill., Ind., Ky., Mich., Mid-Atl. States, N. E. States, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va lb. .12½- .13
wood-rosin type, dms., c.l., dlvd, Ill., Ind., etc..lb. .12½- .13
Euphorbium, cs. .....lb. .35 - .40
Galbanum, cs. .....lb. .75 - .80
Gamboge, pipe, cs .....lb. 1.15 - 1.25
powd., bbls.....lb. 1.35 - 1.40
Ghatti, No. 2, bgs.....lb. .35 - .37
No. 3, bgs .....lb. .31 - .33
Guaiac (see Guaiac resin).
Karaya, powd., No. 1.....lb. .49 - .54
No. 2 .....lb. .45 - .48
No. 3 .....lb. .34 - .35
Kauri, bgs.....lb. .31½- .32¾
Locust bean, powd., bgs.....lb. 30 .32
Mastic, cs. .....lb. 2.25 - 2.50
Myrrh, cs. .....lb. .30 - .35
Olibanum, siftings, cs.....lb. .12 - .13
tears, cs. .....lb. .16 - .30
Opium (see O).
Red (see Gum, yacca).
Rosin (see R).
Sandarac, cks. .....lb. 1.95 - 2.25
Scammony, cs .....lb 1.50 - 1.55
Sterculia (see Gum, karaya).
Talha, bgs.....lb. .10 - .11
Tragacanth, No. 1, cs.....lb. 2.75 - 3.00
No. 2, cs.....lb. 2.50 - 2.75
No. 3, cs.....lb. 1.75 - 2.00
powdered USP, bbls.....lb. 1.35 1.45
Yacca, bgs. .....lb. .05½- .06¼
Gypsum, Keane's cement, paper bgs., c.l., Acme, Tex., frt. equald..ton.22.63 - —
Harlem river, N. Y., frt. equald..ton.23.23 - —



maybe
you can get
theophylline
from tea leaves...
you'll get it quicker
from Mallinckrodt and no maybe!

There is a Mallinckrodt THEOPHYLLINE for every manufacturing chemical and physical requirement. *And, each new lot of every Mallinckrodt grade of THEOPHYLLINE meets the same high standards as former lots.*

Theophylline U.S.P. Monohydrate—water approx. 9%.

Theophylline Anhydrous This grade is of U.S.P. purity but contains not more than 0.5% water (U.S.P. permits 9.5% water).

Theophylline & Sodium Acetate U.S.P.
Above products available in 100-lb. leverpak drums, 25-lb. fiber drums, 5-lb. bottles.

Theophylline Sodium Salicylate
Available in 100-lb. leverpak drums, 25-lb. glass jars, 5-lb. bottles.

Safeguard your product's quality—Use only the purest, fine THEOPHYLLINE—*SPECIFY MALLINCKRODT THEOPHYLLINE!*

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ACID ACETYLSALICYLIC	FERROUS GLUCONATE	POTASSIUM IODIDE
ACID MANDELIC	MAGNESIUM TRISILICATE	SODIUM BROMIDE
BISMUTH SUBCARBONATE	PHENOBARBITAL	SODIUM IODIDE
BISMUTH SUBNITRATE	PHENOBARBITAL SODIUM	SODIUM SALICYLATE
CALCIUM GLUCONATE	POTASSIUM BICARBONATE	SULFANILAMIDE
CALCIUM MANDELATE	POTASSIUM BROMIDE	SULFATHIAZOLE

83 Years of Service to Chemical Users

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Uniform, Dependable Purity

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Gypsum, Keene's Cement—Keva Kava Root

Gypsum, Keen's cement, Medicine Lodge, Kan., frt. equald. ton. 17.00 • —
New Brighton, N. Y., frt. equald. ton. 20.65 • —
Southard, Okla., frt. equald ton. 17.00 • —
Sweetwater, Tex., frt. equald. ton. 21.45 • —
Plaster of paris, paper bgs., c.l., Acme, Texas, frt. equald. ton. 12.50 • —
Blue Rapids, Kans., frt. equald. ton. 10.50 • —
Harlem river, N. Y., frt. equald. ton. 12.00 • —
Medicine Lodge, Kan., frt. equald. ton. 12.50 • —
New Brighten, N. Y., frt. equald. ton. 18.00 • —
Saltville, Va., frt. equald ton. 9.00 • —
Southard, Okla., frt. equald. ton. 12.50 • —
Sweetwater, Tex., frt. equald ton. 12.50 • —
Stucco, paper bgs., Akron, N. Y., frt. equald. ton. 8.00 • —
Blue Rapids, Kans., frt. equald. ton. 8.00 • —
Clarence Center, N. Y., frt. equald. ton. 8.00 • —
Fort Dodge, Iowa, frt. equald. ton. 8.00 • —
Gypsum, Ohio, frt. equald. ton. 8.00 • —
Grand Rapids, Mich., frt. equald. ton. 8.00 • —
Harlem river, N. Y., frt. equald. ton. 8.00 • —
National City, Mich., frt. equald. ton. 8.00 • —
New Brighton, N. Y., frt. equald. ton. 8.00 • —
Gypsum, stucco, Plasterco, Ga., frt. equald ton. 8.00 • —
Portsmouth, N. H., frt. equald. ton. 8.00 • —
Reton, Texas, frt. equald. ton. 8.00 • —
Saltville, Va., frt. equald. ton. 9.00 • —
Southard, Okla., frt. equald ton. 8.00 • —
Sweetwater, Texas, frt. equald. ton. 8.00 • —
Terra alba, paper bags, c.l., Harlem River, N. Y. works ton. 22.50 • —
New Brighton, N. Y., works ton. 21.00 • —

H

Hawthorn berries, bgs. lb. .39 • .45
Heliotropin, cryst., cns. lb. 2.85 • 3.05
Hellebore root, dom., green, bls. lb. .80 • .90
imp., black, whole, bls. lb. .20 • .25
ground, bxs. lb. .25 • .30
powder, bxs. lb. .27 • .32
white, whole, bls. lb. .30 • .40
powder, bxs. lb. .35 • .45
Helonias root, bls. lb. 1.65 • 1.75
Hematine extract, cryst., No. 0, bbls., l.c.l. lb. .45½- —
No. 1, bbls., l.c.l. lb. .44½- —
No. 1A, bbls., l.c.l. lb. .41½- —
No. 2, bbls., l.c.l. lb. .40½- —
No. 3, bbls., l.c.l. lb. .38½- —
No. 4, bbls., l.c.l. lb. .36½- —
No. 5, bbls., l.c.l. lb. .34½- —
paste, No. 1, bbls., l.c.l. lb. .19 • —
No. 2, bbls., l.c.l. lb. .18 • —
No. 3, bbls., l.c.l. lb. .17 • —
No. 4, (red), bbls., l.c.l. lb. .12½- —
Hemlock bark extract, 25% tannin, bbls., c.l., works lb. No stocks.
tanks, works lb. No stocks.
Henbane leaves, bls. lb. .30 • .40
Henna leaves, bls. lb. .23 • .25
powd., bbls., bgs. lb. .27 • .29
Heptane, industrial, Bayonne, N. J., tanks. gal. .15 • —
group 3, tanks. gal. .12½- .13½
Hesperidin methylchalcone, works. lb. 30.00 • —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., bgs. c.l., Perth Amboy or N.Y.C. lb. .22 • —
l.c.l., same basis. lb. .22½- —
bbls., c.l., same basis. lb. .24 • —
l.c.l., same basis. lb. .24½- —
USP, dms., 500 lbs. or more, same basis. lb. .38½- —
smaller lots, same basis. lb. .39½- —
Hexamine (see Hexamethylene tetramine).
Hexane, industrial, group 3, tanks, gal. .13½- .14½
Bayonne, N. J., tanks. gal. .16 • —
Hexanol, normal, dms., c.l., works. lb. .30½- —
l.c.l., works. lb. .31 • —
tanks, works. lb. .29 • —
Hexyleneglycol, dms., c.l., dlvd. lb. .14 • —
l.c.l., dlvd. lb. .14½- —
tanks, dlvd. lb. .12½- —
Hexylmethacrylate, normal, dms., less than truckload, works. lb. .71 • —
Hexylresorcinol, USP, 50 lbs. up, frt. alld. lb. 17.00 • —
works lb. 15.00 -17.00
smaller lots, frt. alld. lb. 18.00 • —
works lb. 18.00 -20.00
Histamine diphosphate, USP, bots kilo. 375.00 • —
Histidine hydrochloride—laevo, NF, fib. dms., 50 kilo lots, works kilo. 100.00 -120.00
1-5 kilos, works kilo. 110.00 -130.00
Homatropine hydrobromide, USP, bots. oz. 15.00 -16.00
Hydrochloride, bots. oz. 20.00 -22.00
Methylbromide, NF. oz. 13.00 -16.25
Hoofmeal, 17-18% ammonia bulk, c.l., Chicago. unit-ton. 7.25 • —
Hops, NF, bls. lb. .40 • .45
Horehound, bls. lb. .19 • .20
Hydrangea root, bls. lb. .14 • .17
Hydrastine, bots. oz. 53.50 -53.80
Hydrochloride, NF. oz. 29.50 -36.00
Sulphate, bots. oz. 53.50 -53.80
Hydrastinine, 10-grain bots. bot. 1.95 • —
Hydrastis (see Goldenseal).
Hydrofuramide, dms., fib. cans., works. lb. .30 • .40
Hydrogen peroxide, USP, bbls. lb. .03¾- .05
27½%, cbys., E. of Miss. or W. coast via Panama Canal. lb. .17½- .19½
35%, cbys., same basis. lb. .23½- —
dms., c.l., same basis. lb. .20½- —
l.c.l., same basis. lb. .21½- —
tanks. lb. .19¾- —
Hydroquinone, photographic, bbls., dms. lb. .90 • —
tech., dms. lb. .70 • —
Hydroxycitronellal, cns. lb. 5.35 • 7.80
Hyoscine salts (see Scopolamine).
Hyoscyamine, bots. oz. 15.75 -16.00
Hydrobromide, bots. lb. 16.50 -18.00
Sulphate, bots. oz. 13.50 -14.00
Hypernic extract, cryst., No. 1, bbls., l.c.l. lb. .58 • —
No. 2, bbls., l.c.l. lb. .48 • —
liquid, No. 1, bbls., l.c.l. lb. .50 • —
No. 2, bbls., l.c.l. lb. .25 • —
solid, No. 1, bxs., l.c.l. lb. .44 • —
Hyssop herb, bgs. lb. .35 • .45
Leaves, bgs. lb. .45 • .50

The "solution test" proves another advantage of Wyandotte Kreelon

Lighter color

Guaranteed detergency

Free-flowing flakes or powder

No objectionable odor

Maximum detergency

Because appearance and performance are important factors in your detergent applications, it will pay you to make the "solution test."

Take a sample of *Wyandotte Kreelon** and one or a number of other detergents. Simply dissolve in a given quantity of water. You'll find that most detergents will turn hazy or "muddy." The Kreelon solution, on the other hand, is clear—practically colorless.

Kreelon also dissolves faster and has greater solubility than most other detergents. And it is uniform in *performance* as well as *appearance*. It provides excellent sudsing and soil removal properties, maximum whiteness retention. Kreelon contains a minimum of 40% active agent.

For further information on Wyandotte Kreelon, its properties and applications, just fill in the coupon below and mail it today.

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SODA ASH • CAUSTIC SODA
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SYNTHETIC DETERGENTS • GLYCOLS
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Wyandotte, Michigan • *Offices in Principal Cities*

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I

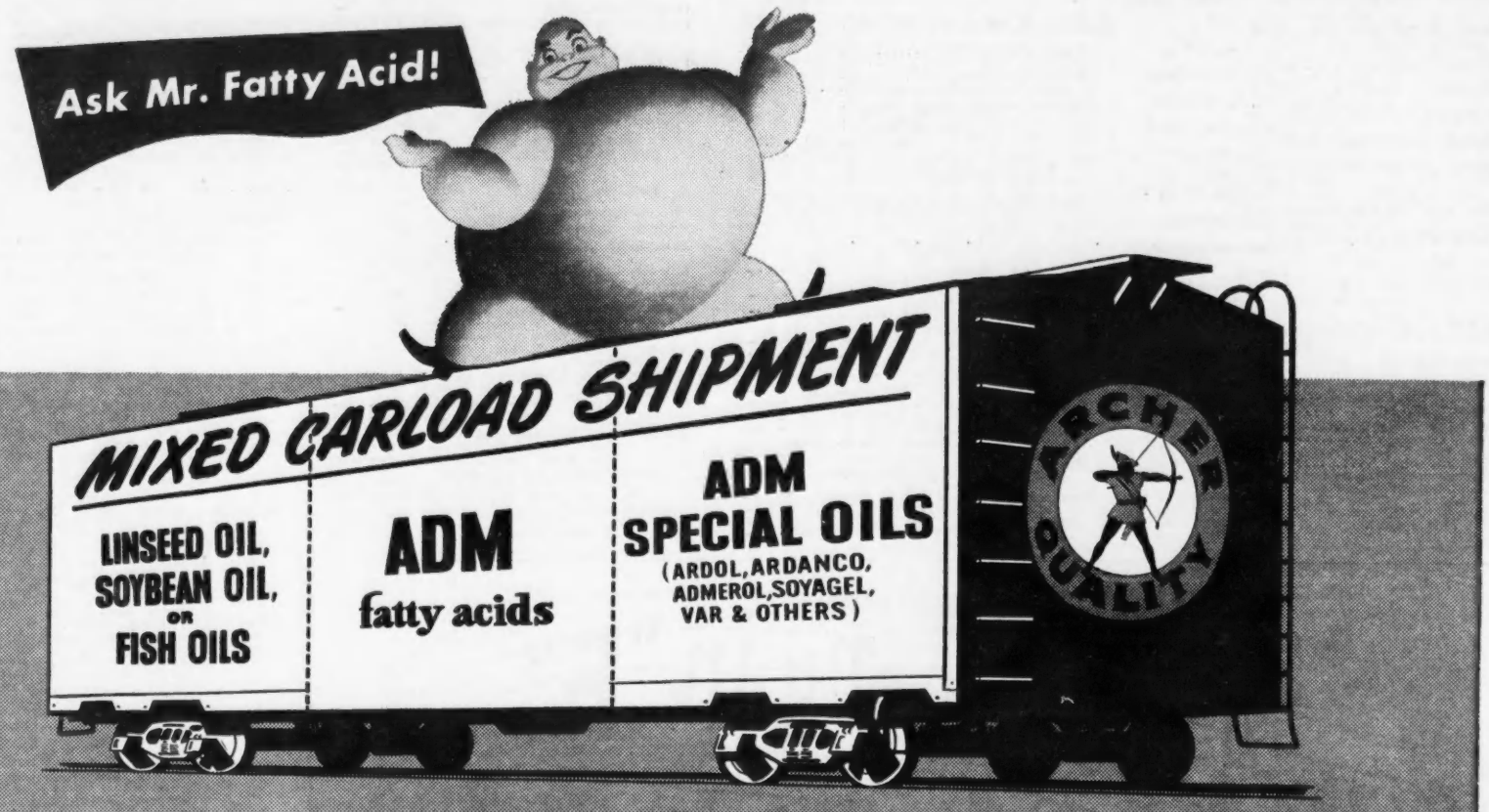
Iceland moss, bgs. lb. .35 • .40
Ichthammol, F, dms. lb. .60 • .75
Indian red (see Red, Indian).
Indigo, nat., chests. lb. 2.14 • 2.16
synth., paste, bots. lb. .23 • —
powd., bbls. lb. 1.03 • —
Indol, CP, bots. lb. 17.00 -19.00
Inositol, dms., dlvd. lb. 4.90 • —
tins, dlvd. lb. 5.00 • —
Insect flowers (see Pyrethrum).
Iodine, crude, kgs. lb. 1.52 • —
resubl., USP., bots., jars. lb. 2.30 • 2.41
Iodochlorohydroxyquinolin, NF, dms. lb. 5.90 • —
Iodoform, NF, dms., kgs. lb. 4.45 • 4.60
Ionone, alpha, cns. lb. 4.40 • 6.50
beta, cns. lb. 7.05 • 6.50
Ipecac root, bgs. lb. 4.30 • 5.00
powd., bgs. lb. 4.50 • 5.50
Irish moss, bleached, prime, bls. lb. .16 • .18
Iron acetate, liquor, 28° bbls., c.l., works. lb. .09 • —
l.c.l., works. lb. .09¾- —
solut., USP IX, cbys. lb. .16 • —
djns. lb. .17 • —
Cacodylate, NF, bots. lb. 13.50 -14.50
Chloride (ferric), annydr., tech., dms., c.l., works. 100 lbs. 5.75 • —
l.c.l., works. 100 lbs. 6.50 • 7.50
cryst., tech., c.l., bbls., works. 100 lbs. 5.00 • 6.00
l.c.l., bbls., works. 100 lbs. 5.50 • 8.00
USP, dms., works. lb. .06¾- .08¼
solut., 42 Be, 100% basis, tanks, works. 100 lbs. 3.45 • —
Citrate, gran., dms. lb. .77 • .80
Gluconate, NF, dms. lb. .83 • .95
Glycerophosphate, N.F., powd. lb. 4.25 • 4.35
Hypophosphite, NF, dms. lb. 2.80 • —
Iodide, bots. lb. 3.66 • 3.73
Naphthenate, liq., 6% Fe, dms., frt. alld. lb. .21¼- .21¼
Oxalate, gran., dms. lb. .83 • .85
Phosphate, soluble, NF, gran., cs. lb. .64 • .65
Pyrophosphate, soluble, NF VII, gran., dms. lb. .69 • .72
Reduced (see Iron by hydrogen).
Resinate, 7.4%, Fe, dms., frt. alld. lb. .23 • —
Stearate, dms., c.l. lb. .34 • —
ton lots lb. .35 • —
less ton lots lb. .36 • —
Sulphate, partially hydrated, bgs., c.l., works. ton. 28.50 • —
l.c.l., works. ton. 29.50 • —
ferrous, tech. (see Copperas).
USP, cryst., bbls., dms. lb. .09¼- .10
Iron by hydrogen, kgs. lb. .80 • .85
Iron-ammonium citrate, green, NF, gran., dms. lb. .55 • .58
brown, USP, gran., dms. lb. .55 • .58
Oxalate, dms. lb. .25½- .28½
Iron-potassium oxalate fine gran., dms. lb. .30½- .33½
Iron-sodium oxalate, fine gran., dms lb. .25½- .28½
Isoborneol, cns. lb. .84 • .95
Isobornyl acetate, cns. lb. .87 • 1.10
Thiocyanoacetate, dms., c.l., works. gal. 3.85 • —
l.c.l., works. gal. 3.85 • 4.05
tanks, works. gal. 4.23 • —
Isobutyl acetate, cns. lb. .12 • 1.25
Methacrylate, dms., works. lb. .60 • —
Propionate, cns. lb. No prices.
Isobutyraldehyde, dms., works. lb. .50 • .53
Isoeugenol, cns. lb. 3.10 • 3.40
Isoleucine, dextro-laevo, with allo-isoleucine, dms., works lb. 26.00 -35.00
Isopentane, dms., works. lb. .45 • .55
Isophorone, dms., c.l., works. lb. .22½- —
l.c.l., works. lb. .23 • —
tanks, works lb. .21 • —
Isopropanol (see Acohol, Isopropyl).
Isopropyl acetate, dms., c.l., frt. alld. lb. .10½- —
l.c.l., same basis. lb. .11 • .11½
tanks, same basis. lb. .09 • —
Alcohol (see Alcohol, Isopropyl).
Benzene (see Cumene).
Ether (see Ether, Isopropyl).
Isopropylamine, dms., c.l., frt. alld. lb. .24 • —
l.c.l., same basis. lb. .25 • —
tanks, same basis. lb. .22½- —
Isoquinoline, dms., c.l., works. lb. .20 • —
l.c.l., works lb. .40 • —

J

Jaborandi leaves, bls. lb. .15 • .20
Jalap root, NF, bls. lb. .43 • .45
powd., bbls., bxs. lb. .48 • .50
Resin, NF, powd., bxs. lb. 6.20 • 6.60
Juniper berries, bgs. lb. .08 • .18
Tar, USP, dms. lb. .40 • .65

K

Kamala, powd., cns. lb. .45 • .50
Kaolin (see China clay).
Kava kava root, bls. lb. .25 • .30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● Here's an important price advantage that *only Archer-Daniels-Midland Company* can offer you...a cash saving of *more than a penny a pound* on every 30,000 lb. shipment of oils and fatty acids.

Because ADM can supply almost every type of vegetable oil and fatty acid, you can very readily switch from LCL shipments to the rock-bottom price level of mixed carload or compartment tank car purchases. A lower base-price plus freight savings will reduce your costs *more than a penny a pound* on mixed carload shipments... considerably more on compartment tank cars.

Your orders can include linseed, soybean, fish oils, any ADM Special Oils, any ADM Fatty Acids. Order raw, refined, bodied, blown or chemically modified oils. Quantities as small as a drum of one oil can be included in mixed carloads or 1500 gallons in compartment tank cars.

Check our broad line of Fatty Acids at the right. Then mail coupon below for literature describing other ADM products and for information on the ADM Carload Purchase Plan. Schedule ADM mixed carload or compartment tank car purchases—for lower base prices, lower freight costs, reduced inventories, and *assured satisfaction!*

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ADM fatty ACIDS

The Complete Line of ADM Fatty Acids

FATTY ACID TYPE AND GRADE	PROTECTIVE COATINGS	SYNTHETIC RESINS	INKS	PUTTY AND CAULKING COMPOUNDS	METALLIC SOAPS	LIQUID SOAPS	WAXES AND POLISHES	INSECTICIDES AND DISINFECTANTS	LUBRICATING GREASES	COSMETICS	PHARMACEUTICAL
LINSEED											
Water White	X	X	X								
Regular	X	X	X	X	X	X		X			
SM-500	X	X	X	X	X	X		X			
SM-600	X	X	X	X	X	X		X			
Essential Unsaturated Free Fatty Acids											X
SOYA											
Water White	X	X	X								
Regular	X	X	X		X	X		X			
RO-4	X	X	X		X	X		X			
RO-10	X	X	X	X	X	X	X	X	X		
RO-11S	X	X	X		X			X			
CORN-SOYA Double-Distilled				X		X	X	X	X		
CORN Double-Distilled				X		X	X	X	X		
COTTONSEED Double-Distilled		X			X		X	X	X		
COCONUT Double-Distilled		X				X		X		X	

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● Please send details on the ADM Mixed Carload and Compartment Tank Car Purchase Plan.

NAME_____

COMPANY_____

ADDRESS_____

CITY_____ ZONE____ STATE_____

Kerosene—Magnesium Carbonate

Kerosene, 41-43 at refinery, Ark., specific gravity, w.w., tanks, gal. .08625- —
Bayonne, 41-43 s.g., w.w., tanks, gal. .087 - .091
California, 40-43 s.g., w.w., tanks, gal. .126 - .156
Gulf ports, 41-43 s.g., w.w., tanks, gal. .086 - .0925
Okla.-Tex., 41-43, s.g., w.w., tanks, gal. .085 - .09
Penn., Western, 45 s.g., w.w., tanks, gal. .095 - .10
Kola nuts, bgs lb. .08 - .10
Kyanite, imp., low iron content, 10-mesh, whse ton.85.00 -85.00
calcined, grain, 10-mesh, whse ton.95.00 -105.00

L

Lady slipper root, bls lb. 1.50 - 1.75
Lanolin, anhyd., cosmetic, dms., works lb. .30 - .32
pharmaceutical, USP, dms., works lb. .28 - .31
hydrous lb. .27 - .29
Lard, cash, tres, Chicago lb .1100- —
Larkspur seed, bgs lb. .30 - .35
Laurel berries, bls lb. .25 - .26
Leaves, Greek, bls lb. .08 - .08½
Portuguese, bls lb. .11½- .11¾
Turkish, bls lb. No stocks
Yugoslavian, bls lb. .10 - .10½
Lauryl methacrylate, normal, dms., less than truckload, works lb. 1.00 - —
Lavender flowers, medium, bls lb. .55 - .60
ordinary, bls lb. .16 - .20
select, bls lb. .60 - .65
Lead acetate, white, crystals, bbls., lb. .19 - —
gran., bbls. lb. .19¾- —
powd., bbls. lb. .19¾- —
USP, cryst., dms lb. .20 - —
gran., powd., dms lb. .20¾- —
Arsenate, dealers, basic powder, 3-lb. bgs., or larger, c.l., frt. alld. on 96 lbs. or over lb. .25 - .27
l.c.l., frt. alld lb. .26 - —
1-lb. bgs., c.l., frt. alld lb. .33 - .38
l.c.l., frt. alld lb. .34 - .39

Lead arsenate prices are works or whse. basis frt. alld. on purchases totaling $75.00 or more to dest. East.

Blue basic sulphate, bbls., c.l., ship't point, frt. alld lb. .12¼- —
l.c.l., works lb. .13¼- —
Carbonate (see Lead, white).
Chloride, dms lb. .39 - —
Iodide, NF V, jars lb. 3.80 - —
Linoleate, liq., 13% Pb, dms., frt. alld lb. .29¼- —
Metal, pigs, prime, N. Y. lb. .10½- —
St. Louis lb. .1030- —
Metallic paste, dms., 20,000 40,000 lbs., works lb. .27 - —
10,000-20,000 lbs., same basis lb. .27½- —
2,000-10,000 lbs., same basis lb. .28 - —
100 to 2,000 lbs., same basis lb. .28½- —

Prices ex whse, Jersey City, N. J., 4½c. per pound higher

Napntnenate, liquid, 16% pb, dms., dlvd lb. .14¾- —
24% Pb, dms., dlvd lb. .19¾- —
37% Pb, dms., dlvd lb. .26 - —
Lead nitrate, bbls., c.l. lb. .19 - —
l.c.l. lb. .19¼- —
Oleate, fused, bbls lb. .24 - —
Orthosilicate gel, 50% PbO, dms., works lb. .29½- —
60% PbO, dms., works lb. .28 - —
Peroxide, powd., tech., bbls lb. .36 - .39
Phthalate, dibasic, dms., works lb. .37½- —
Red, 95%, Pb_3O_4, or less, bbls., c.l., ship't point, frt. alld. lb. .13¼- —
l.c.l., same basis lb. .14¼- —
97%, Pb_3O_4, bbls., c.l., same basis lb. .13½- —
l.c.l., same basis lb. .14½- —
98%, Pb_3O_4, bbls., c.l., same basis lb. .13¾- —
l.c.l., same basis lb. .14¾- —
Resinate, precip., dms., dlvd lb. .25 - —
Salicylate, normal, dms., works lb. .41¾- —
Silicate, bgs., l.c.l., ship't pt., frt. alld lb. .14¾- —
Stearate, dibasic, dms., works lb. .50¼- —
precip., bbls., c.l. lb. .36 - —
ton lots lb. .37 - —
less ton lots lb. .38 - —
Sulphate (see Lead, blue; Lead, white, basic sulphate).
tribasic, dms., works lb. .24¼- —
Tallate, liquid, 16% Pb, dms. lb. .12¼- —
solid, 30% Pb, dms lb. .19¼- —
White, basic carbonate, bgs., c.s., ship't point, frt. alld lb. .14 - —
l.c.l., same basis lb. .15 - —
basic silicate, bgs., c.l., ship't point, frt. alld lb. .13⅞- .15½
l.c.l., same basis lb. .14⅝- .16½
basic sulphate, bgs., c.l., ship't point, frt. alld lb. .12¼- —
l.c.l., same basis lb. .13¼- —
Lecithin, edible, tech., bleached dms., non-ret., c.l., works lb. .18 - —
l.c.l., same basis lb. .18½- —
unbleached, c.l., same basis lb. .15 - —
l.c.l., same basis lb. .17½- —
Lemon peel, bls lb. .20 - .25
Leucine, dextro-laevo, dms., works lb. 28.00 -35.00
Licorice extract, mass, cns lb. .40 - .45
powd., bbls. lb. .55 - —
Root, bls lb. .08 - .09
5-lb. bundles, cs lb. .40 - .45
powd., bbls lb. .11 - .13
Lignin extract, tanning grade, bgs., c.l., works lb. .05¼- .06¾
Lime, agricultural, bgs., works ton.13.00 -13.50
Chemical (quicklime), lump, pebble, bulk, Adams, Mass. ton 10.00 - —
Annville, Pa. ton.10.50 - —
Bellefonte, Pa. ton.10.50 - —
Buffalo, N. Y. ton.10.00 - —
Carey, Ohio ton. 7.00 - —
Cedar Hallow, Pa ton.10.50 - —
Farnams, Mass. ton.14.00 - —
Gibsonburg, Ohio ton. 8.50 - —
Hannibal, Mo ton. 7.50 - —
Keystone, Ala ton. 9.75 - —
Knoxville, Tenn ton. 9.75 - —
Limedale, Ark ton. 9.00 - —
Longview, Ala ton. 9.75 - —
Martinsburg, W. Va ton.10.00 - —
Menominee, Mich ton. 8.00 - —
Mitchell, Ind. ton. 7.50 - —
Rockland, Maine ton. 9.00 - —
Scioto, Ohio ton. 7.50 - —
Sherwood, Tenn ton.10.00 - —
Sherwood, Wis. ton. 8.50 - —
Woodville, Ohio ton. 9.50 - —
York, Pa ton.10.50 - —
Hydrated, paper bgs., Adams, Mass. ton.11.50 - —
Annville, Pa ton.13.50 - —
Bellefonte, Pa ton.13.50 - —
Buffalo, N. Y ton.13.50 - —
Carey, Ohio ton. 9.00 - —
Cedar Hollow, Pa ton.13.50 - —
Engle, W. Va ton.13.00 - —
Farnams, Mass ton.14.00 - —
Gibsonburg, Ohio ton. 9.50 - —
Hannibal, Mo ton. 9.50 - —
Keystone, Ala ton.13.00 - —
Knoxville, Tenn ton.12.25 - —
Limedale, Ark ton.10.50 - —
Longview, Ala ton.13.00 - —
Manistique, Mich ton. 9.50 - —
Marblehead, Ohio ton.10.50 - —
Mitchell, Ind. ton.10.00 - —
Petoskey, Mich ton.10.00 - —
Fort Island, Mich ton. 9.00 - —
Rapid City, S. Dak ton.12.00 - —
Rockland, Maine ton. 9.00 - —
Scioto, Ohio ton. 9.00 - —
Sherwood, Tenn ton.13.00 - —
Sherwood, Wis. ton.10.00 - —
Springfield, Mo. ton. 9.00 - —
Woodyville, Ohio ton. 8.50 - —
York, Pa ton.13.50 - —
Spray, paper bgs., Adams, Mass. ton.11.70 - —
Annville, Pa ton.13.50 - —
Bellefonte, Pa ton.13.50 - —
Carey, Ohio ton.11.00 - —
Engle, W. Va ton.13.00 - —
Farnams, Mass ton.14.00 - —
Gibsonburg, Ohio ton.10.00 - —
Marblehead, Ohio ton.10.00 - —
Rockland, Me. ton.10.00 - —
Scioto, Ohio ton.10.00 - —
Woodville, Ohio ton.10.00 - —
York, Pa ton.13.50 - —

Lime salts (see Calcium).

Lime-ammonia-nitrogen, 20.5% N (see Ammonium nitrate-limestone).

Limestone, grd., bgs., works ton. 3.50 - 4.00
Linalool, ex bois de rose lb. 4.75 - 5.15
ex lignaloe wood lb. 6.50 7.00
Linalyl acetate, 90-92%, bots lb. 5.20 - 5.25
96-98%, bots. lb. 6.05 - —
ex petitgrain, bots lb. 4.25 6.00
Lindane, 25%, cns., works lb. 3.00 - 3.05
dms., works lb. 2.95 - —
Linden flowers with leaves, bls lb. .22 - .25
without leaves, bls lb. .22 - .28
Linseed meal, 34% bulk, Midwest mills ton.67.50 - —
Litharge, com'l, powd., bbls., c.l., ship't point, frt. alld lb. .12¼- —
l.c.l., same basis lb. .13¼- —
Lithium benzoate, dms lb. 1.65 - —
Bromide, NF, bbls., works, frt. equald lb. 1.90 - —
Carbonate, NF, bbls., kgs lb. 1.10 - 1.15
Chloride, cryst., dms lb. .93 - —
Citrate, NF, bbls., dms., kgs lb. 1.25 - 1.40
Fluoride, bbls lb. 1.80 - 2.00
Hydride, dms., works lb. 14.00 -18.50
Hydroxide, dms lb. 1.00 - 1.25
Salicylate, dms. lb. 1.62 - 1.70
Lithopone, ordinary, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd lb. .06⅝- .07¼
Titanated (high-strength), bgs., c.l., dlvd lb. .08¼- —
l.c.l., dlvd lb. .09¼- —

Lithopone prices, Pacific Coast, 1c. per lb. higher.

Liverwort leaves, bls lb. .75 - .80
Lobelia herb, bls lb. .85 - .90
leaves, NF lb. .90 - .95
Lobeline sulphate, bots., works oz. 34.00 -36.00
Logwood extract, crystals, No. 1, bbls., l.c.l. lb. .38½- —
No. 2, bbls., l.c.l. lb. .36½- —
liquid, No. 1, bbls., l.c.l. lb. .18½- —
No. 2, bbls., l.c.l. lb. .17½- —
No. 3, bbls., l.c.l. lb. .17 - —
No. 4, bbls., l.c.l. lb. .16½- —
solid, No. 1, bxs., l.c.l. lb. .33 - —
No. 2, bxs., l.c.l. lb. .31 - —
No. 3, bxs., l.c.l. lb. .28½- —
No. 4, bxs., l.c.l. lb. .28 - —
No. 5, bxs., l.c.l. lb. .26½- —
No. 6, bxs., l.c.l. lb. .44½- .49½
Lovage root, imp., bls lb. 1.00 - 1.10
Lupulin, tins lb. 1.93 - 2.00
Lycopodium, cs. lb. 1.30 - 1.50
Lysine hydrochloride, dextro-laevo. kilo.145.00 -149.00

M

Mace, Amboyna, bls lb. .73 - .74
Banda, No. 1, bls lb 1.05 Nom.
Siauw, No. 1, bbls lb. .90 - .91
West Indian, bls lb. .78 - .79
broken, bls lb. .75 - .76
Madder, Dutch, bgs lb. .29 - .32
Magnesia, calcined, tech., ctns., works lb. .32 - —
synth., rubber grade, ctns., works lb. .29 - .31
USP, light ctns lb. .34 - —
heavy, bbls lb. .36 - —
Magnesium arsenate, bgs., cans, works lb. .20 - .30
Bromide, jars lb. .90 - 1.00
Carbonate, tech., bgs., c.s., frt. equald lb. .09 - —
l.c.l., frt. alld. lb. .10 - —
bbls., c.l., frt. equald lb. .10¼- —
l.c.l., frt. alld. lb. .11¼- —
kgs., c.l., frt. equald lb. .11½- —
l.c.l., frt. alld. lb. .12½- —

Continental "F" Style cans can help you strike a high note in packaging chemical products from floor wax to radiator flush.

If your specifications call for lithography, Continental's specialists can make your brand stand out against competition. And, of course, your product is well protected when it's shipped in a Continental "F" Style can.

These rugged, attractive cans are available in practically every size you could want: ½-pint, pint, quart, ½-gallon and gallon. Why not check with Continental today and get the complete story on our "F" Style cans?

Continental also makes steel containers that are tops for bulk shipments of chemical products. They include:

CONTAINER	SUGGESTED USE
Open Head Pails	Adhesives
Closed Head Drums	Anti-Freeze
Utility Can	Insecticides
50 & 65 lb. Flaring Pails	Soap Powder
Small Flaring Pails	Dry Chemicals

CONTINENTAL CAN COMPANY

Eastern Division: 122 E. 42nd St., New York 17 Central Division: 135 So. La Salle St., Chicago 3 Pacific Division: Russ Building, San Francisco 4

Magnesium carbonate, USP, bgs., l.c.l., frt. equald..lb. .10¾ - —
l.c.l., frt. alld. .....lb. .11¾ - —
bbls., c.l., frt. equald.....lb. .11¼ - —
l.c.l., frt. alld. .....lb. .12¼ - —
kgs., c.l., frt. equald.....lb. .12½ - —
l.c.l., frt. alld. .....lb. .13½ - —

Magnesium carbonate is quoted frt. alld. to N. J. except to Atlantic, Burlington, Cape May, Cumberland, Glostershire, Ocean and Salem counties, and to Phila. county, Pa. Frt. equald. with N. Y. C. on all other destinations.

Chloride, anhyd., dms., works lb. .12¼ - —
flake, bbls., c.l., works.....ton.40.00 - —
l.c.l., works.....ton.44.00 -46.00
Gluconate, dms., cns. .....lb. 1.86 - 1.93
Glycerophosphate, dms., works.lb. 4.85 - 4.95
Hydroxide, NF, medicinal, bbls., dms., kgs..lb. .29 - .39
Hypophosphite, dms. .....lb. 1.60 - —
Laurate, bbls.....lb. .46 - .47
Metal, 99.8% ingots, cs., works.lb. .20½ - —
sticks, cs., works.....lb. .34 - .38
Oleate, fused, bbls .....lb. .31 - —
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works lb. 1.60 - 1.61
Phosphate, tribasic, NF, bbls..lb. .75 - —
Silicate (see Talc).
Silicofluoride, bbls., works.....lb. .09 - .10
Stearate, cns., c.l.....lb. .35 - —
smaller lots .....lb. .36 - .37
Sulphate (see Epsom salt).
Trisilicate, USP, dms., 1,000-lb. lots..lb. .42 - —
100-lb. lots .....lb. .50 - —
Magnesite, chemical grade, bgs., c.l., mines, Calif..ton.67.50 - —
dead-burnt, bulk, c.l., Chewalah, Wash. ton.30.50 - —
Maleic anhydride, dms., c.l., dlvd., lb. .30 - —
l.c.l., dlvd. .....lb. .31 - —
Prices on maleic anhydride West of Rockies 1½c. higher.
Malva flowers, black, bls.....lb. 1.00 - 1.25
Blue, bls. .....lb. .95 - 1.10
Leaves, bls. .....lb. .30 - .35
Manaca root, bls .....lb. .49 - .50
Mandrake root, bls .....lb. .40 - .45
Manganese acetate, bbls. .....lb. .32 - —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .23 - —
Carbonate, bbls., works.....lb. .21 - —
Chloride, anhyd., dms., works lb. .30 - .32
Dioxide, Africam, battery, 84-87%, bgs., 100 tons, works.. ton.73.00 - —
smaller lots, works...ton.74.00 -94.00
Gluconate, dms., cns.....lb. 1.86 - 1.93
Glycerophosphate, NF, fib. dms lb. 4.15 4.25
Hydrate, bbls., works.....lb. .34 - —
Hypophosphite, NF, dms.....lb. 2.00 - —
Linoleate, liquid, 4.35% Mn, dms. lb. .39¼ - —
solid, precip., 6.2% Mn, bbls., lb. .41½ - —
Metal, cs., dlvd. East.....lb. .30 - .32
Naphthenate, liquid, 6% Mn, dms., frt. aud..to. .22¾ - .23¼
Oleate, precip, bbls.....lb. .33½ - —
Resinate, fused, 3½% Mn, dms. precip., dms .....lb. .21½ - —
Stearate, cns., c.l.....lb. .35 - —
smaller lots .....lb. .36 - .37
Sulphate, fertilizer grade, 65%, bgs., c.l., dlvd. S. E..ton.63.00 - —
l.c.l., dlvd. S. E.....ton.70.00 - —
feed grade, 80%, bgs., dlvd. S. E. lb. .05¼ - .07
75%, bgs., c.l., dlvd. S. E..ton.72.50 - —
l.c.l., dlvd. S E.....ton.79.50 - —
Tallate, liquid, 4% Mn, dms....lb. No prices.
solid, 8% Mn. dms.....lb. No prices.
Mangrove bark, E. Africa, 38% tannin, c.l., ex dock..ton. No stocks.
So. American, 30-32% tannin, c.l., ex dock..ton.62.00 -63.00
Manna, flake, large, cs.....lb. 1.10 - 1.25
small, cs.....lb. .85 - 1.00
Mannitol, com'l, dms., works.....lb. .40 - .43
reagent, 50-lb. dms., works.....lb. .85 - —
Marjoram, Argentine, bls.....lb. .14 Nom.
Bohemian, bls.....lb. .47 - .47½
Chilean, bls .....lb. .50 Nom.
French, bls. .....lb. .53 - .58
Matico leaves, bls.....lb. .25 - .33
Melamine, bgs., ton lots, works..lb. .33 - —
500 lbs. or more, works.....lb. .33½ - —
less 500 lbs., works.....lb. .38½ - —
Menadione, USP, bots.....gram. .06½ - —
Menthol, natural, USP.....lb.10.15 -10.25
synthetic, USP, racemic, cns....lb. 7.25 Nom.
Menthyl salicylate, tins.....lb. 4.00 - 4.25
Mercaptobenzo thiazole, 50-lb. bgs., 150-lb. containers, ton lots, works, frt. alld., ton lots..lb. .27 - —
less ton lots, same basis lb. .29 - —
Mercury, ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, dms. .....lb. 2.13 - 2.13
Chloride (see Calomel).
Cyanide, NF, cryst., powd., fib. dms..lb. 3.27 - 3.32
Iodide, red, NF, dms.....lb. 4.07 - —
Yellow, NF, fib. dms.....lb. 4.22 - —
Metal (see Quicksilver).
Oxide, red, NF (see Red precipitate).
yellow, tech. (see Yellow, mercury oxide),
USP, fib. dms. .....lb. 2.44 - 2.46
Mesityl oxide, dms., c.l., dlvd....lb. .13 - —
l.c.l., dlvd.....lb. .13½ - —
tanks, dlvd.....lb. .11½ - —
Metaldehyde, dms., works.....lb. .78 - 1.00
Metachloranilin, dms., works.....lb. .75 - —
Metacresol, 98%, dms., c.l., works.lb. .55 - —
l.c.l., works.....lb. .56 - —
Metaparaisopropylphenol, dms., c.l.. lb. .21 - —
l.c.l. .....lb. .22 - —
tanks .....lb. .20 - —
Metanitroparatoluidin, bbls.....lb. 1.28 - —
Metaphenylenediamine, kgs.....lb. .76 - —
Metatoluidine, bbls., works.....lb. .80 - —
Metatolylenediamine, kgs.....lb. .95 - —
Methanol, natural, dms., c.l., frt. alld..gal. .58 - —
l.c.l., frt. alld.....gal. .61 - —
tanks, frt. alld.....gal. .59 - —

Prices on natural methanol W. of Miss. 3c. higher.

synthetic, zone 1, dms., c.l., frt. alld..gal. .38 - —
l.c.l., frt. alld.....gal. .41 - —
tanks, frt. alld.....gal. .26 - —
zone 2, dms., c.l., frt. alld..gal. .43½ - .45
l.c.l., ex whse.....gal. .47½ - —
tanks, frt. alld.....gal. .29½ - .31

Synthetic methanol zones are: Zone 1 is all continental U. S., E. of eastern boundaries of Ariz., Idaho, Mont., and Utah. Zone 2 is remainder of the U. S., west of above state boundaries, comprising Ariz., Calif., Idaho, Mont., Nev., Ore., Utah and Wash.

Methenamine (see Hexamethylenetetramine).
Methionine, dextro-laevo, fib. dms., frt. alld., 50-lb. or more..lb. 4.55 - —
feed grade .....lb. 3.00 - —
Methoxychlor, dealers, dms., cs., works..lb. .85 - —

Methyl abietate, non-ret. dms., c.l., dlvd., zone 1..lb. .17 - —
l.c.l., same basis .....lb. .17½ - —
hydrogenated, non-ret. dms., c.l., dlvd., zone 1..lb. .17¼ - —
l.c.l., same basis.....lb. .17¾ - —

Zone 1 includes New England and Middle Atlantic states, Va., W. Va., N. C., Ohio., Ky., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo., Miss., Ala., Ga., Fla., S. C. and Tenn.

Acetoacetate, dms., c.l., dlvd..lb. .53 - —
l.c.l., dlvd.....lb. .54 - —
tanks, dlvd.....lb. .51½ - —
Methyl acetoacetate prices frt. alld. W., ½c. higher.
Acetone, natural, group A, dms., extra, c.l., E. of Miss., frt. alld..gal. .60 - —
l.c.l., same basis.....gal. .71 - —

Natural methyl acetone group A prices W. of Miss. 3c. per gal. higher.

Group B, dms., incl., E. Miss., frt. alld., any quantity..gal. .50 - —
synthetic, dms., c.l., works, frt. alld. E..gal. .53 - —
frt. alld. W.....gal. .57 - —
l.c.l., works, frt. alld. E..gal. .56½ - —
frt. alld. W.....gal. .60½ - —
tanks, works, frt. alld. E gal. .43½ - —
frt. alld. W.....gal. .47 - —

Methyl acetone, synth., East territory is all States East of and including Colo., Mont., N. Mex. and Wyo. West territory, all States West of those four.

Acrylate, dms., c.l., and truckload, works..lb. .50 - —
less than truckload, works..lb. .50½ - —
Alcohol (see Methanol).
Anthranilate, 100 lbs. or more..lb. 2.10 - 2.90
extra .....lb. 4.00 - 4.40
Methyl benzoate, cns.....lb. .55 - 1.20
Bromide, dealers, cns.....lb. .69 - .71
cyls. .....lb. .80 - .76
Chloride, indust., cyl., works..lb. .17 - —
tanks, multi-unit, works....lb. .13 - —
single-unit works.....lb. .10½ - —
refrigerator mfrs., cyls., dlvd... lb. .37 - —
other consumers or service men, cyls., dlvd..lb. .42 - —
Cinnamate, cns.....lb. 1.48 - 1.65
Formate, refd., dms.....lb. .35 - .40
tech., non-ret, dms., any quantity, works..lb. .06 - —
tanks, works.....lb. .07 - —
Heptin carbonate, bots.....lb.36.00 -58.00
Iodide, bots., works.....lb. 3.65 - 4.75
cbys., works .....lb. 2.80 - 3.00
Lactate, dms., l.c.l., works....lb. .35 - —
Methacrylate, dms., c.l. and truckload, works..lb. .44½ - —
less than truckload, works..lb. .45 - —
Parahydroxybenzoate, USP, bots. lb. 2.10 - 2.20
fib. dms. .....lb. 1.90 - 2.00
Roseanilin chloride, USP, bots.. lb. 5.15 - 5.30
Salicylate, USP, dms., 300 lbs..lb. .42 - —
cans, 25-50 lbs.....lb. .47 - —
Testosterone, USP, 100 gms...gm. 3.50 - —
Methylal, refined, 95%, dms., c.l., works..lb. .11 - —
l.c.l., works .....lb. .12 - —
tanks, works .....lb. .09 - —
Methylamyl acetate, dms., c.l., dlvd. lb. .13 - —
l.c.l., dlvd.....lb. .13½ - —
tanks, dlvd.....lb. .11½ - —
Ketone, dms., works.....lb. .95 - —
Methylcellulose, special vis., (4,000 cps.), fib. ctns., c.l., frt. alld. .....lb. .68 - —
2,000 lbs. and more, same basis..lb. .70 - —
smaller lots, frt. alld. on 100 lbs..lb. .73 - .80
standard vis., (15-1,500 cps.), fib. ctns., c.l., frt. alld..lb. .62 - —
2,000 lbs. and more, same basis. lb. .63 - —
smaller lots, frt. alld. on 100 lbs..lb. .68 - .73
Methylene blue, USP, 100-lb. lots, kgs., frt. adjusted..lb. 2.87 - —
smaller lots, kgs., same basis. lb. 3.02 - 3.22
Chloride, indust., dms., c.l., dlvd. E..lb. .12½ - —
l.c.l., dlvd. E.....lb. .13½ - —
tanks, dlvd. E.....lb. .11½ - —
Methylethyl ketone, dms., c.l., dlvd. lb. .10½ - —
l.c.l., dlvd.....lb. .11 - —
tanks, dlvd.....lb. .09 - —
Methylionone, A, cns.....lb. 6.55 - 6.80
D, cns.....lb. 7.50 - 9.55
prime, cns.....lb. 4.55 - 6.40
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Ketone, dms., c.l., dlvd.....lb. .12½ - —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11 - —
Methylnaphthyl ketone, cns.....lb. 3.00 - 3.75
Methylparaben (see Methylparahydroxybenzoate).
Methylpentanediol (see Hexyleneglycol)
Methylphenylpyrazolone, dms., dlvd. lb. 1.40 - 1.45

FIRST, what is Lindane? It is the official name of the "pure gamma isomer" of benzene hexachloride (BHC). It is highly toxic to flies and many other insects because of its three-way action . . . killing by contact, vapor fumes and stomach poisoning. Lindane is particularly recommended as a rapid knockdown and residual fly control in dairy barns and similar farm buildings. It kills flies approximately five times faster than DDT (Dichloro-Diphenyl-Trichloroethane) and gives effective residual fly control for about four weeks, depending on the weather.

Lindane has USDA approval for fly control in dairy barns. It also controls lice and ticks on beef cattle, hogs and horses. In commercial or household pest control, it is being used to control flies, roaches, ants, mosquitoes, fleas, bedbugs, clothes moths, silverfish and similar pests.

Write to our nearest office for complete information on Stauffer's Wettable and Emulsifiable Lindane Concentrates.

OTHER STAUFFER PRODUCTS

BHC (Benzene Hexachloride)
Borax
Boric Acid
Boron Trichloride
Carbon Bisulphide
Carbon Tetrachloride
Caustic Soda
Chlordane
Chlorine
Citric Acid
DDT (Dichloro-Diphenyl-Trichloroethane)
Silicon Tetrachloride
Sodium Hydrosulphide
Sulphur (Specially processed for all industrial and agricultural uses)
Sulphur Chloride
Sulphuric Acid
Tartaric Acid
Textile Stripper
Titanium Tetrachloride
Toxaphene (Chlorinated Camphene)
2,4-D (Acid Isopropyl Ester, Amine Salts)

Stauffer CHEMICALS SINCE 1885

Stauffer CHEMICAL CO.

420 Lexington Avenue, New York 17, N.Y. • 221 North LaSalle Street, Chicago 1, Illinois
824 Wilshire Boulevard, Los Angeles 14, Cal. • 636 California Street, San Francisco 8, Cal.
424 Ohio Bldg., Akron 8, O. • Apopka, Fla. • N. Portland, Ore. • Houston 2, Tex. • Weslaco, Tex.

Methylthionme Chloride—Oil, Castor

Methylthionme chloride (see Methylene blue).
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works..lb. .03¾- —
roofing, 20 to 80 mesh, works.lb. .03⅜- —
wet-grd., biotite, bgs., c.l., works, frt. alld., E..lb. .05¾- —
l.c.l., ex whse., or frt. alld. E..lb. .06½- —
extra fine, bgs., c.l., works, frt. alld., E..lb. .05¾- —
l.c.l., ex whse. or frt. alld. E..lb. .06½- —
paint or lacq., bgs., c.l., works, frt. alld., E..lb. .07¼- —
l.c.l., ex whse. or frt. alld. E..lb. .08 - —
rubber, bgs., c.l., works, frt. alld. E..lb. .07 - —
l.c.l., ex whse. or frt. alld. E..lb. .07¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .07¼- —
l.c.l., ex whse. or frt. alld. E..lb. .08 - —
white, extra fine, bgs., c.l., works, frt. alld. E..lb. .07¼- —
l.c.l., ex whse. or frt. alld. E..lb. .08 - —
Mica, wet-grd., W. of Miss. R., ½c. higher, W. of Rockies, 1c. higher
Milk powder, skimmed, roller, bbls., c.l..lb. .10½- .10⅝
spray, bbls., c.l.....lb. .12¼- .12¾
Whole, roller, bbls., c.l.....lb. .28 - .33
spray, bbls., c.l.....lb. .28½- .35½
Sugar, crude, bgs., c.l., works lb. .16½- —
edible, bbls., works, 30,000-lb. lots..lb. .22 - —
2,000-lb. lots.....lb. .22¾- —
200-1,800-lb. lots.....lb. .23¼- —
Milk sugar, edible, USP, bbls., works, 30,000-lb. lots...lb. .26 - —
2,000-lb. lots.....lb. .26¾- —
200-1,800-lb. lots.....lb. .27¼- —
Molasses, blackstrap, tanks....gal. .06 - —
New Orleans, tanks.....gal. .07 - —
Molybdate orange (see Orange molybdate).
Mineral spirits (see Petroleum, mineral spirits).
Molybdenum metal, 90% Mo., powd., kgs..lb. 2.60 - 3.00
pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content..lb. .80 - —
Monochlorobenzene, dms., c.l., works, frt. alld..lb. .07 - .08
l.c.l., works, frt. equald.....lb. .08 - .09
tanks, works, frt. equald.....lb. .06 - .06½
Monoethanolamine, dms., c.l., frt. alld. E..lb. .27 - —
l.c.l., same basis.....lb. .28 - —
tanks, same basis.....lb. .25½- —
Monoethylamine, dms., c.l., frt. alld. basis 100%..lb. .21½- —
l.c.l., same basis.....lb. .22½- —
tanks, same basis.....lb. .20 - —
Monomethylamine, 25%-40%, dms., c.l., works, basis 100%..lb. .35 - —
l.c.l., same basis.....lb. .35½- .36
tanks, same basis.....lb. .31 - —
Monomethylanilin, dms., works..lb. .70 - —
Monononylnaphthalene, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monosodium fluoroacetate (see Sodium fluoroacetate monobasic).
Monosodium glutamate (see Sodium glutamate, monobasic).
Phosphate (see Sodium phosphate, monobasic).
Monotertiarybutylmetacresol, dms., c.l., works..lb. .50 - —
l.c.l., works.....lb. .51 - —
tanks, works.....lb. .49 - —
Morphine, cns. .....oz.12.35 -12.40
Acetate, cns. .....oz. 9.85 - 9.90
Hydrobromide, cns. .....oz. 9.80 - —
Hydrochloride, NF, cns.....oz. 9.90 - —
Sulphate, USP, cns.....oz. 9.90 - —
Morpholine, dms., c.l., works....lb. .60½- —
l.c.l., works .....lb. .61 - —
tanks, works .....lb. .59 - —
Mountain ash berries, bgs.....lb. .65 - .75
Mullein flowers, cs.....lb. 1.15 - 1.20
Leaves, bls. .....lb. .16 - .18
Musk, nat., Tonquin, grains, bots. oz.25.00 -30.00
synthetic—Ambrette, 100 lbs...lb. 5.40 - —
25 lbs. .....lb. 5.50 - —
5 lbs.....lb. 5.65 - —
Ketone, 100 lbs.....lb. 4.95 - —
25 lbs. .....lb. 5.05 - —
5 lbs.....lb. 5.20 - —
Xylol, 100 lbs.....lb. 1.40 - —
25 lbs.....lb. 1.45 - —
5 lbs.....lb. 1.55 - —
Musk root, bls.....lb. No prices.
Mustard seed, Calif., brown, f.o.b. source..lb. .07¼- .07½
Danish, bgs., futures.....lb. .10½- .11
Dutch, yellow, bgs., futures..lb. .11½- .12
English, yellow, bgs.....lb. .11½- .12
Montana, brown, bgs., source. lb. .05¼- .05½
Oriental, bgs., source....lb. .07 Nom.
yellow, bgs., source....lb. .10 - .10½
Washington, yellow, source, bgs. lb. .11 - .11½
Myrobalans, J1, assorted, ex dock. ton.52.00 - —
crushed, ex dock.....ton.76.50 - —
J2, ex dock.....ton.42.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, dom., crude, 74° bgs., bbls., frt. equald..lb. .07 - —
tanks, same basis.....lb. .0425- —
78°, bgs., c.l., works, frt. equald..lb. .0535- —
l.c.l., same basis.....lb. .0560- —
bbls., c.l., same basis....lb. .0535- —
l.c.l., same basis.....lb. .0560- —
dms., c.l., same basis....lb. .0650- —
l.c.l., same basis.....lb. .07 - —
tanks, same basis.....lb. .0475- —
refined, industrial, bbls., c.l., frt. equald..lb. .09 - —
bgs., c.l., same basis.....lb. .08½- —
tanks, same basis.....lb. .08 - —
balls, flakes, wholesalers, jobbers, bbls., c.l., same basis..lb. .11 - —
cs., 50 lbs., c.l., same basis..lb. .11¼- —
1-lb. pkgs., c.l., same basis..lb. .13 - —
imported, crude, 78°, 100-ton lots lb. .03¼- —
Neocinchophen, USP, dms., frt. adjusted..lb. 7.00 - 7.35
Nepheline syenite, glass, 24 mesh, bulk, Rochester, N. Y..ton.14.25 - —
pottery, 200 mesh, bulk, Rochester, N. Y..ton.18.25 - —
Nepheline syenite in bgs., $3 per ton higher than bulk.
Nerolin, cns.....lb. 2.00 - 2.25
Niacin (see Acid, nicotinic).
Niacinamide (see Nicotinamide).
Nickel acetate, bbls., dlvd.....lb. .50 - —
Carbonate, bbls., dlvd.....lb. .48 - .50
Chloride, bbls., dlvd.....lb. .23 - —
Cyanide, bots., dms.....lb. 1.75 - 2.00
Formate, bbls., ton lots, dlvd..lb. .43½- —
Metal, electro cathodes, cs.....lb. .40 - —
Nitrate, bbls., works.....lb. .24½- .25½
Oxide, black, bbls.....lb. .42 - —
Sulphate, bgs., c.l., dlvd.....lb. .18 - —
l.c.l., dlvd.....lb. .18½- —
Nicotinamide, USP, dms., frt. adjusted..kilo.11.00 -11.30
Hydrochloride, dms., frt. adjusted..kilo.10.50 -10.80
Nicotine sulphate, 40%, 50-lb. dms., dealers, frt. alld. over 70 lbs., dm.49.40 - —
tins, 10 lbs., dealers, frt. alld. on cases of 6..tin.10.85 - —
Nikethamide, bots., cbys.....lb. 5.50 - 6.60
Nitercake, bulk, works.....ton. No stocks.
Nitrobenzene, dbl. dist., dms., c.l.lb. .09 - .09¼
l.c.l. .....lb. .10 - .11
tanks .....lb. .08 - .08½
Nitrocellulose, ester soluble, 30-35 cps., ¼, ½, ¾, 5-6, 15-20, 30-40, 60-80 and 125-175 secs., bbls., c.l., works, dry weight..lb. .28 - —
l.c.l., same basis.....lb. .29 - .31
18-25 cps., 250-400 sec., and 600-1,000 secs., bbls., c.l., same basis..lb. .30 - —
l.c.l., same basis.....lb. .31 - .33
spirit-soluble, 30-35 cps, ¼, ½, 5-6 and 40-50 secs., bbls., c.l., same basis..lb. .32 - —
l.c.l., same basis.....lb. .33 - .35
Denatured alcohol used in the manufacture of nitrocellulose is charged extra. Drums extra, but returnable.
Nitroethane, dms., works.....lb. .30 - —
Nitrogen solution, tanks, works., N. ton.120.00 -126.23
Nitrogenous process tankage, bulk, works, ammo., ship't..unit-ton. 3.90 - 4.00
Sewage sludge, bulk, works, unit ton. 3.25 + .40
Nitromethane, dms., l.c.l., works..lb. .30 - —
Nitropropane, 1, dms., works....lb. .30 - —
2, dms., works.....lb. .30 - —
Nonylphenol, dms., c.l., works..lb. .26 - —
l.c.l., works .....lb. .27 - —
tanks, works .....lb. .25 - —
Nutgalls, Aleppo, bgs.....lb. .43 - —
Chinese, bgs.....lb. .38 - —
Istrian, bgs .....lb. .31 - —
Nutmeg, East Indian, bgs.....lb. .45 - .46
futures, bgs. .....lb. .45 - .46
West Indian, bgs.....lb. .27½- .28
futures .....lb. .29 - .29¼
Nux vomica, bls. .....lb. .10 - .12
powdered, bbls., bxs.....lb. .13 - .14

O

Oakbark extract, 25% tannin, bbls., c.l., works lb. No stocks
Octane, 100°-140° C, industrial grade, group 3, dms., c.l..gal. .19 - —
l.c.l. .....gal. .21 - .60
tanks .....gal. .15½- —
10°C., b.r. Bayonne, N.J., tanks gal. .16 - —
Octanol, normal, tech., dms., c.l., dlvd..lb. .24½- —
l.c.l., dlvd.....lb. .36½- —
tanks, dlvd .....lb. .32 - —
Octyl methacrylate, normal, dms., less than truckload, works. lb. .83 - —
Oil, abies siberica, cns.....lb. 2.95 - 3.50
Almond, artificial, bitter, (see Benzaldehyde)
natural, bitter, F.P.A., bots..lb. 3.40 - 5.00
NF, bots.....lb. 3.50 - 3.65
Sweet, dms., cns.....lb. .70 - .95
Amyris, dms .....lb. 1.55 - 1.95
Angelica root, bots.....lb.75.00 -190.00
Seed, bots .....lb.80.00 -100.00
Anilin (see A).
Anise, USP, Chinese, dms....lb. 1.20 - 1.35
Apricot kernel, USP, dms....lb. .44 - .60
Avocado, cns., dms .....lb. 1.00 - 1.10
Babassu, crude, tankcars.....lb. .18¼- —
Bay, NF, Puerto Rican, 50-55%, cns .....lb. 1.20 - 1.50
55-80%, cns. .....lb. 1.20 - 1.60
West Indian, 50-55%, cns...lb 1.20 - 1.60
Bergamot, artif., cns.....lb. 2.00 - 4.25
natural, Italian, cns.....lb. 4.40 - 4.75
Birchtar, crude, cns.....lb. .80 - 1.76
rectified, NF, cns .....lb. 4.10 - 4.25
Bois de rose, Brazil.....lb. 3.50 - 3.75
Mexican (see Oil, lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cajeput, tech., dms.....lb. 1.65 - 2.00
rectistilled, USP, cns.....lb. 2.20 - 4.50
Calamus, cns .....lb.20.00 -28.00
Camphor, sassafrassy, dms...lb. .23 - .50
white, dms. .....lb .24 - .40
Cananga, native, cns.....lb. 4.20 - 4.50
rectified, cns. .....lb. 5.00 - 5.50
Capsicum (see Capsicum oleoresin).
Caraway, NF, cns .....lb. 3.25 - 4.00
Cardamom, NF, bots.....lb.50.00 -65.00
Cassia, USP, cns .....lb. 2.05 - 3.00
Castor, blown, dms., c.l.....lb. .21¼- —
dms., l.c.l.....lb. .21¾- —
dehydrated, bodied, dms., c.l.lb. .23 - —
l.c.l. .....lb. .23½- —
tanks .....lb. .22 - —

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QUALITY CONTROL
When you order from Baker, 93 years of know how insures top quality... superior because of uncompromising standards and rigidly maintained chemical controls..

AVAILABILITY OF SUPPLY
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DEPENDABLE SERVICE
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REFINED CASTOR OILS
PROCESSED CASTOR OILS (blown)
CASTUNG* (dehydrated castor oils)
CASTORWAX* (hydrogenated castor oils)
RICINOLEATE ESTERS (plasticizers)
CASTOR OIL FATTY ACIDS
FINE CHEMICALS

ESTABLISHED 1937
THE baker CASTOR OIL COMPANY
LOS ANGELES 120 BROADWAY, NEW YORK 5, N. Y. CHICAGO
*REG. U.S. PAT. OFF.

Oil, castor, dehydrated, unbodied, dms., c.l. lb. .22 - —
l.c.l. lb. .22½ - —
tanks lb. .21 - —
hydrogenated, dms., c.l., works, lb. .27 - —
l.c.l., same basis lb. .28 - —
No. 3, tech., dms., c.l. lb. .18 - —
l.c.l. lb. .18½ - —
tanks lb. .17 - —
sulphonated, 50% (48% fat), dms. lb. .12 - .14
75% (60-62% fat), dms lb. .15¾ - .16¾
tech, No. 1, Brazilian, tanks lb. .16¼ - —
USP, standard, dms., c.l. lb. .19¼ - —
l.c.l. lb. .19¾ - —
tanks lb. .18¼ - —
refined and deodorized, dms., c.l. lb. .20¾ - —
l.c.l. lb. .21¼ - —
Cedarleaf, USP, dms. lb. 1.75 - 2.00
Cedarwood, cns. lb. .40 - .55
dms. lb. .52 - .60
Celeryseed, bots lb. 15.00 -18.50
Chaulmoogra, NF, cns., dms. lb 55 70
Chinawood (see Oil, tung).
Cinnamon bark, bots. lb. 25.00 -62.00
Leaf, Ceylon lb. 1.50 1.75
Citronella, Ceylon, cns. lb. 1.10 - 1.55
Java-type, cns. lb. 1.70 - 2.10
Clove, USP from buds, cns., dms. lb. 1.60 - 1.70
Coconut, crude, tanks, Atlantic ports lb. .16¼ - —
Pac. Coast lb. .15½ - —
refined, Cochin type, tax incl., dms., l.c.l lb. .22½ - —
deodorized, tax incl., dms., l.c.l. lb. .24 - —
Cod, Newfoundland, dms lb. .07½ - .08½
Codliver, USP, dms gal. 1.40 - 1.55
Coriander, bots lb. 20.00 -30.00
Corn, crude, tanks, works lb. .14 - —
foots, acid, 95%, tanks, dlvd. E lb. .05½ - —
raw, 50%, tanks, dlvd. E lb. .01¼ - —
refined, dms., New York lb. .18½ - .19
tanks, same basis lb. .17¼ - —
Costus, bots oz. 26.50 - —
Cottonseed, crude, tanks, South-east and Valley lb. .13½ - —
foots, acid 95%, tanks, dlvd. E lb. .03½ - —
raw, 50%, tanks, dlvd. E lb. .01½ - —
refined, dms. lb. .19¼ - .19¾
tankcars lb. .17½ - —
Creosote (see Creosote, coaltar).
Croton, NF, cns lb. 4.75 - 5.50
Crude (see Petroleum, crude).
Cubeb, cns. lb. 7.00 - 7.50
Cumin, bots lb. 6.25 - 7.50
Cypress, bots lb. 11.00 -15.00
Degras (see D).
Dillseed, bots lb 7.00 - 9.50
Dillweed, bots., dms lb. 6.00 - 7.10
Dip (see D).
Erigeron, cns lb. 5.00 5.25
Eucalyptus, rectified, USP, 80-90%, cns lb. .67 - 1.45
70-80%, cns. lb. .55 - 1.30
Fennel, sweet, cns lb. 2.50 - 3.25
Fir, Canada, cns lb. 2.00 - 2.05
Fishliver, crude, for feeds for concentrating, 6,000 to 12,000 A units, dms 1,000,000 units. .10 - .11
15,000 to 20,000 A units, dms. 1,000,000 units. .11 - .12
25,000 to 35,000 A units, dms. 1,000,000 units. .12½ - .13½
40,000 to 55,000 A units, dms. 1,000,000 units. .14 - .16
Market prices on crude fish-liver oil dependent upon conversion factor.
prime, natural, or concentrate, 100,000 A units, dms. 1,000,000 units. .19 - —
200,000 A units, dms 1,000,000 units. .20 - —
300,000 A units, dms 1,000,000 units. .23 - —
400,000 A units, dms 1,000,000 units. .24 - —
500,000 A units, dms 1,000,000 units. .26 - —
Fuel (see Petroleum fuel oil).
Fusel (see F).
Garlic, pure, bots oz. 8.50 -15.00
Gaultheria (see Oil, wintergreen).
Geranium, Algerian, cns lb. 14.50 -16.25
Bourbon, cns lb. 17.00 -20.00
Turkish (see Oil, palmarosa)
Ginger, dist., bots. lb. 22.00 -25.00
Grapefruit lb .65 - 1.25
Grease, No. 1, dms lb. .11½ - .12
extra, Winter, strained, dms lb. .12¾ - .13¼
prime, burning, dms lb. .13¾ - .14¼
Guaiacwood, cns lb. 1.65 - 1.90
Hemlock, cns lb. 1.75 - 2.00
Herring, crude, tanks, Pac. coast. lb. No prices.
Juniper berry, NF VIII, bots lb. 3.00 - 3.10
twice rectified lb. 3.75 - 7.00
Tar, USP (see Juniper tar).
Wood, tech., cns lb. .65 - 1.00
Lard (see Oil, grease).
Laurel, bots. lb. 9.75 -12.50
Lavandin, cns. lb. 1.40 - 1.85
Lavender flower, French, 40-42% ester, cns. lb. 3.90 - 4.75
38-42% ester, cns. lb. 3.20 - 4.10
30-32% ester, cns. lb. 2.20 - 3.25
Spike, Spanish, cns. lb. .90 - 1.10
Lemon, USP, Calif., cns. lb. 2.95 - 3.25
Messina lb. 2.85 - 3.25
terpeneless, bots lb. 32.00 -65.00
Lemongrass, cns., dms lb. 2.15 - 3.00
Lignaloe, Brazilian (see Oil, bois de rose).
Mexican, cns lb. 3.35 - 5.20
Lime, distilled, Mexican, cns lb. 5.75 - 6.50
West Indian, cns lb. 6.25 - 6.75
expressed, West Indian, cns. lb. 13.00 -13.50
terpeneless, bot lb. 45.00 -65.00
Linseed, raw, dms., c.l., Zone 3. lb. .1790- —
L.c.l. lb. .1890- .1930
tankcars lb. .1670- —
tankwagon lb. .1700- —
Boiled linseed oil .007 higher than raw
Mace, dist., cns., dms lb. 3.30 - 3.70
Mandarin, Floridian, dms lb. 1.60 - 1.65
Italian, cns lb. 5.50 - 8.50
Menhaden, crude, tanks, Balto. lb. .06¾ Nom.
refined, alkali, dms lb. .1280- —
kettle-bodied, dms. lb. .1430- —
light-pressed, dms. lb. .1180- —
tanks lb. .10 - .1020
Mineral, white (see Oil, white, mineral)
Mirbane (see Nitrobenzene).
Mustard seed, expressed, dms. lb. .22½ - .23
synthetic, cns., dms lb. 1.40 1.70
Neatsfoot, 15°, dms lb. .26 - .26½
20°, dms. lb. .27 .27½
30°, dms. lb. .21 .21½
Neroli, French, bots lb. 85.00 -160.00
Haitian, bots lb. 85.00 -90.00
Nisouli, cns lb. 2.30 3.25
Nutmeg, dist., East Indian, cns., dms lb. 3.50 - 3.70
West Indian, cns., dms lb. 3.30 - 3.50
Ocotea cymbarum, dms lb. .75 1.00
Oiticica, liquid, drums lb. .20½ - .21
tankcars lb. .19½ - —
Oleo, extra, dms lb. .12½ - .13
Olibanum, bots. lb. 4.50 - 7.65
extra fine, bots lb. 6.25 - 8.50
Olive, commercial, dms gal. 1.75 - 1.85
edible, dms., duty paid gal. 2.15 - 2.30
foots, dms. lb. .13½ - .13¾

Oil, orange, sweet, dist., cns lb. .25 - .60
expressed, USP, Brazilian, cns., dms. lb. .95 - 1.35
Calif., cns. lb. .60 - 1.00
Florida, cns., dms lb. .42 - 1.00
Messina, coppers lb. 2.95 - 3.50
West Indian, cns lb. 1.95 - 2.50
sesquiterpeneless, bots lb. 35.00 -95.00
Origanum, Spanish, cs lb. 2.50 - 3.50
Palm, Congo, dms lb. .13¼ Nom.
tankcars lb. No stocks.
Palmarosa, cns. lb. 7.75 - 9.00
Palmkernel, crude, bulk, c.i.f. NY lb. No prices.
Paraffin, pale, 100-110 vis. at 100° F, tanks, East Coast refinery gal. 11½ —
Patchouli, dms lb. 22.00 -22.50
Peach kernel, USP (see Oil, apricot kernel)
Peanut, crude, tanks, Southeast. lb. .14¾ - —
refined, dms lb. .19½ - .20
tanks, New York lb. .18 - —
Pennyroyal, USP, dom., cns lb. No stocks.
imported, cns lb. 4.60 5.50
Peppermint, natural, dms. lb. 6.25 - 6.60
redist., USP, dms lb. 6.60 - 7.00
Persic, USP (see Oil, apricot kernel).
Perilla, crude, dms oz. No stocks
Petitgrain, Paraguay, cns lb. 1.95 - 2.50
Pimento berry, dms lb. 3.85 - 5.75
leaf, cns lb. 1.55 1.95
Pine, dest.-dist., dms., incl., c.l., works, South gal. .60 - —
l.c.l., works, South gal. .61 - —
ex whse., N. Y. C. gal. .72 - —
steam-dist., dms., ex whse., non-ret. dms., incl., l.c.l., ex whse., N.Y.C lb. .09½ - —
Pineneedle, Siberian (See oil, abies siberica).
Putty, petroleum, dms., c.l., dlvd. lb. .11 - —
l.c.l., same basis lb. .12 - —
tanks, same basis lb. .10 - —
Rapeseed, tankcars lb. .15¼ - —

Oil, red, saponified, dms lb. .12¼ - .13¼
single dist., dms lb. .13¼ - .14½
tanks lb. .11¾ - —
double dist., dms lb. .15¾ - .17
tanks lb. .14¼ - —
Rice bran, clarif., dms lb. .14 - .14½
tanks lb. .12½ - —
Rose, natural, Bulgarian, bots oz. 23.00 -56.00
Rosemary, Spanish, tech., cns., dms lb. .75 1.50
USP, cns., dms lb. .95 - 1.60
Rue, bots lb. 2.75 - 3.50
Sage, clary, oots lb. 13.50 -16.00
Dalmatian, cns lb. 6.00 - 6.50
Spanish, cns lb. 1.00 - 3.50
Sandalwood, NF, cns lb. 11.50 -16.00
Sardine, crude, tanks, Pac. coast. lb. .07 - .07½
refined, alkali, dms lb. .1280- —
kettle-bodied, dms. lb. .1430- —
light-pressed, dms. lb. .1180- —
tanks lb. .1020- —
Sassafras, artificial lb. .53 - .78
natural, Brazilian (see Oil, ocotea cymbarum).
domestic, USP, cns., dms lb. 1.80 2.30
Savin, cns lb. 2.75 - 3.00
Savory, cns lb. 3.00 —
Seal, 2% acid, duty extra, dms lb. No stocks.
Sesame, ref., dms., l.c.l. lb. .31 - —
Shingle stain, bbls., c.l., works, gal. .27 - —
l.c.l., works gal. .30 - —
tanks, works gal. .19 - —
Snakeroot, Canada, cns lb. 18.75 -25.00
Soybean, crude, tanks, mills lb. .13¼ - —
foots, acid, 95%, tanks, dlvd. E lb. .06¼ - —
raw, 50%, tanks, dlvd. E lb. .02⅛ - —

Oil, soybean, refined, alkali, dms., c.l. lb. .1685- —
tanks lb. .1565- —
clarified, dms., c.l lb. .1590- —
l.c.l. lb. .1655- .1715
tanks lb. .1434- —
edible, dms lb. .1714- .1734
tanks lb. .1534- —
Spearmint, dms lb. 3.15 - 5.50
Sperm, bleached, winter, 45°, drums lb. .1620- .1670
tankcars lb. .1520- —
natural, winter, 45°, dms lb. .15 - .15½
tankcars lb. .14 - —
Spruce, cns., dms lb. 1.75 - 2.00
Sunflower-seed, unp., refined, tanks lb. No prices.
semi-refined, tanks lb. No prices.
Sweet birch, Northern, cns lb. 4.50 - 7.50
Southern, cns lb 1.95 2.65
Tall, crude, tanks works ton. 40.00 - —
refined, dms., c.l., works lb 06 - —
l.c.l., works lb. .06¼ - —
tanks, works lb. 05 - —
Tallow, acidless, dms lb. .11 - .11½
Tansy, dms. lb. 8.60 - 9.00
Tar, pine, coml., dms., incl., c.l., works, South lb .045 - —
l.c.l., works, South lb. 0473- —
whse., N.Y.C lb. .0595- —
tanks, works, South lb. .035 - —
rectified, NF, l.c.l., dms., incl., works, South gal. .60 —
Tar acid (see T).
Teaseed, dms. lb. No stocks.
Theobroma (see Cocoa butter).
Thyme, NF, red, cns lb. 2.05 3.25
white, cns lb. 2.30 3.80
technical, white, cns lb. .40 - 5.00

Flavor is the thing that makes your product stand out from others. And Exchange Oil of Orange *has* the flavor...that distinctive and preferred taste unique to oranges grown in the sunny, sheltered valleys of California.

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76 Ninth Avenue, New York 11, N. Y.
Distributors for:
CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIF.
Producing Plant:
The Exchange Orange Products Co., Ontario, Calif.

Oil, Tung—Penicillin

Oil, tung, dom., tanks, mills	lb.	.26	Nom.
imported, dms., c.l.	lb.	.27½	.27¾
l.c.l.	lb.	.28	—
tanks	lb.	.26	—
Turkey red (see Oil, castor, sulphonated)			
Turpentine, rectified, NF, cns., dms.	lb.	.21	.35
Vetiver, Bourbon, cns.	lb.	12.50	15.00
Haitian, cns.	lb.	10.00	14.00
Java, cns.	lb.	No prices.	
Whale, ref., natural, dms.	lb.	No stocks.	
Winter-bleached, dms	lb.	No stocks.	
Wheat germ, 5-gal. dms.	gal.	10.00	13.00
White mineral, tech., 50-65 vis., dms., c.l., N. Y	gal.	.43	—
l.c.l., same basis	gal.	.46	—
65-75 vis., dms., same basis,	gal.	.44	—
l.c.l., same basis	gal.	.49	—
USP, 80-90 vis., dms., c.l., same basis	gal.	.45	—
125-135 vis., dms., c.l., same basis	gal.	.53	—
l.c.l., same basis	gal.	.58	—
145-155 vis., dms., c.l., same basis	gal.	.60	—
l.c.l., same basis	gal.	.65	—
175-185 vis., dms., c.l., same basis	gal.	.62	—
l.c.l., same basis	gal.	.67	—
200-210 vis., dms., c.l., same basis	gal.	.65	—
l.c.l., same basis	gal.	.70	—
335-345 vis., dms., c.l., same basis	gal.	69½	—
l.c.l., same basis	gal.	.74½	—
Wintergreen, nat., Northern, cns	lb.	7.00	14.50
Southern, cns	lb.	3.65	18.50
synthetic (see Methyl salicylate).			
Oil, wood (see Oil, tung).			
Wormseed, NF, cns	lb.	4.25	4.50
Wormwood, cns	lb.	7.00	7.50
Ylang-ylang, Bourbon, bots	lb.	8.25	11.50
extra, bots	lb.	No prices.	
Madagascar, bots	lb.	No prices.	
Olein, crude (see Oil, red).			
white, low titre, dms	lb.	.15½	.16½
tankcars	lb.	.14¼	—
Oleostearin, bbls.	lb.	.09¼	.09½
Olivine, aggregate, c.l., mines	ton.	7.00	9.50
crushed, 8 mesh, bulk, c.l., works	ton.	10.00	—
paper, bgs., c.l., works	ton.	12.00	—
Opium, USP, cns.	lb.	19.20	19.45
gran., USP, cns.	lb.	21.65	21.90
powd., USP, cns.	lb.	21.65	21.90
Orange, cadmium lithopone, bbls., frt. alld. E. of Rockies	lb.	1.10	—
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Tenn. and N. C., E. of Minneapolis, Rock Island, St. Louis, St. Paul	lb.	.26	—
Chrome orange prices are ½c. wigher, dlvd. Ala., Fla., Ga., La. (Shreveport); 1¼c. Miss., N. C., S. C., Tenn., Dallas and Ft. Worth, Tex.; 1½c. El Paso, Tex.; 2c. Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Chrome dinitroanilin toner	lb.	1.15	—
Mineral, American, bbls., l.c.l., ship't point, frt. alld.	lb.	.1660	—
Molybdate	lb.	.40	—
Persian, bbls.	lb.	.30	.45
Orange flowers, bls.	lb.	.40	.45
Orange peel, bitter, Haitian, bls.	lb.	.13	.15
Sweet, bls.	lb.	.13	.17
Oregano, Mexican, bgs.	lb.	.16	.16½
Portuguese, bgs.	lb.	.18	.18½
Sicilian, bgs.	lb.	.18	.19
Orris root, Florentine, bls.	lb.	.20	.25
powdered, bbls., bxs.	lb.	.26	.29
Verona, bls.	lb.	.16	.21
powdered, bbls., bxs.	lb.	.22	.23
Orthoaminobiphenyl, dms., c.l., works	lb.	.32½	—
l.c.l., same basis	lb.	.33	—
tanks, same basis	lb.	.31	—
Orthoanisidin, bbls.	lb.	.80	—
Orthochloroanilin, dms., 10,000 lbs. or more	lb.	.60	—
smaller lots	lb.	.70	—
Orthochloroparanitroanilin, dms., works	lb.	.65½	.67
Orthochlorophenol, dms., c.l., frt. equald	lb.	.27	—
l.c.l., same basis	lb.	.28	—
Orthocresol, pure, 30° C, non-ret., dms., c.l., frt. equald.	lb.	.1930	.2405
l.c.l., same basis	lb.	.1960	.2435
ret. dms., c.l., same basis	lb.	.1900	—
l.c.l., same basis	lb.	.1930	—
29° C, non-ret. dms., c.l., same basis	lb.	.1830	.2305
l.c.l., same basis	lb.	.1860	.2335
ret. dms., c.l., same basis	lb.	.1800	—
l.c.l., same basis	lb.	.1830	—
25 to 27° C, non-ret. dms., c.l., same basis	lb.	.1630	.2080
l.c.l., same basis	lb.	.1660	.2110
tanks, same basis	lb.	.1500	.1950
Orthodichlorobenzene, 50-lb. cns.	lb.	.12½	—
100-lb. cns	lb.	.11¼	—
dms., c.l., works, frt. alld. E. of Rockies	lb.	.08½	.08¾
l.c.l., same basis	lb.	.09½	.09¾
tanks, same basis	lb.	.07	.07¼

Orthodichlorobenzene prices W. of Rockies 1c. per lb. higher.

Orthoisopropyl N-phenylcarbanate (see IPC).			
Orthoisopropylphenol, dms., c.l.	lb.	.29	—
l.c.l.	lb.	.30	—
tanks	lb.	.28	—
Orthonitroanilin, dms.	lb.	.50	.53
Orthonitrochlorobenzene, dms.	lb.	.18	.19
Orthonitrobiphenyl, tech., dms., c.l., works	lb.	.19½	—
l.c.l., works	lb.	.20	—
tanks, works	lb.	.18	—
Orthonitroparachlorophenol, cns.	lb.	.75	—
Orthonitrotoluene, dms.	lb.	.12	—
Orthophenetidin, dms., works	lb.	.90	—
Ortholuidin, dms., c.l., works	lb.	.19	—
l.c.l., same basis	lb.	.20	—
tanks, same basis	lb.	.18	—
Osage orange crystals, bbls., l.c.l	lb.	33½	—
extract, liquid, bbls., l.c.l	lb.	.15½	—
Ortholidin, (see Tolidine Base).			
Ouabaine, USP, nots	gram.	3.00	4.00
Ox gall, conc., gran., eb, dms., 5 lbs. and up	lb.	2.50	—
Oxyquinolin sulphate, cns., 100 lbs.	works	lb. 4.25	—
smaller lots, works	lb.	4.40	4.51

P

Pancreas substance, assay 1:75	lb.	5.75	6.25
Pancreatin, USP	lb.	2.50	3.00
Panthenol, bots., works, frt. adjust.	kilo	90.00	—
Papain, powd., NF, cs	lb.	1.75	2.50
Papaverine, natural or synthetic, hydrochloride, USP, cns., 1,000-oz. lots	oz.	5.00	—
smaller lots	oz.	5.05	5.20
Sulphate, cns	oz.	7.10	7.35
Paprika, Chilean, bgs.	lb.	.26	.27
Portuguese, bgs.	lb.	.39	.40
Spanish, bgs.	lb.	.44	.50
Para-anisidin, dms., works	lb.	.80	—
Parachlorophenol, dms., c.l., frt. equald	lb.	.27	—
l.c.l., same basis	lb.	.28	—
Parachloroanilin, dms., frt. alld. E. Miss	lb.	.70	—
Parachloro-orthonitroanilin, dms.	lb.	.63	—
Paracresol, 98%, dms., works	lb.	.50	—
Paracymene, dms., works, 50 gals. or more	gal.	2.50	—
smaller quantities	gal.	3.00	—
Paradibromobenzene, bgs., 500-lb. lots.	lb.	.45	—
Paradichlorobenzene, dms., c.l., works	lb.	.11	—
l.c.l., same basis	lb.	.12½	.14
Paraffin, crude, scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery	lb.	No prices.	
121-123 ASTM, bbls., c.l., ref'y	lb.	No prices.	
126-128 ASTM, bbls., c.l., ref'y	lb.	No prices.	
fully ref'd, slabs, 120-122 ASTM, loose, c.l., ref'y	lb.	.0635	—
122-124 ASTM, loose, c.l., ref'y.	lb.	.0635	—
125-127 ASTM, loose, c.l., ref'y.	lb.	.0635	—
128-130 ASTM, loose, c.l., ref'y	lb.	.0640	—
130-132 ASTM, loose, c.l., ref'y.	lb.	.0645	—
132-134 ASTM, loose, c.l., ref'y.	lb.	.0660	—
135-137 ASTM, loose, c.l., ref'y	lb.	.0705	—
Paraffin prices in bgs. and ctns., 7/10c. per lb. higher; 1,000 to 9,999 lbs., 2.7c. per lb. higher, and under 1,000 lbs., 3.7c. per lb. higher			
Paraformaldehyde, 94-95%, powd., dms., c.l., dlvd. N.Y.	lb.	.15½	.16¾
10,000 lbs. to c.l., same basis.	lb.	.16½	.16¾
1,000-9,999 lbs., same basis	lb.	.17½	.17¾
less than 1,000 lbs., same basis	lb.	.19¼	.19½
91-92% flake, fib. dms., c.l., works.	lb.	.13	—
10,000 lbs. to c.l., same basis.	lb.	.14	—
1,000-9,999 lbs., same basis.	lb.	.15	—
less than 1,000 lbs., same basis	lb.	.17	—
91-92% flake, fib. dms., c.l., works.	lb.	.11	—
10,000 lbs. to c.l., same basis.	lb.	.12	—
1,000-9,999 lbs., same basis.	lb.	.13	—
less than 1,000 lbs., same basis	lb.	.15	—
Quotations on 91-92%, flake paraformaldehyde in the New York metropolitan area are on a delivered basis, 2½c. per lb. higher than works prices.			
Paraldehyde, tech., 98%, 55 gals., dms., l.c.l., works	lb.	.12½	.13¼
5-10-gal. dms., l.c.l., works	lb.	.16½	—
tanks, works	lb.	.10½	—
USP, cbys	lb.	.51	.53
Paranitroanilin, kgs., works	lb.	.46½	—
Paranitrochlorobenzene, kgs., works.	lb.	.19	.20
Paranitrophenol, kgs., works, frt. equald	lb.	.40	—
Paranitrotoluene, kgs., works	lb.	.30	—
Paraphenetidin, dms., works	lb.	.80	—
Paraphenylphenol, bgs., works	lb.	.28	.29
Paraphenylenediamine, redistilled, dms., works	lb.	2.00	—
technical, refined, dms., same basis	lb.	1.25	1.35
Paratertiarybutylphenol, bgs., c.l., frt. equald	lb.	.21	—
l.c.l., same basis	lb.	.22	—
Parthion, spray powder, 15% tins, dealers	lb.	.72	—
tech., dms., works	lb.	1.50	2.50
Paratoluenesulphonamide, bbls., works	lb.	.70	—
Paratoluidin, bbls., works	lb.	.55	—
Pareira brava root, whole, bgs.	lb.	.30	.31
ground, bxs.	lb.	.35	.37
powder, bxs.	lb.	.38	.40
Paris green, dealer, distributor, dms., dms., c.l., works, frt. alld. on 96 lbs. or over	lb.	.33	.37
l.c.l., same basis	lb.	.34	.66
Passion flower herb, bls.	lb.	.40	.45
Patchouli leaves, bls.	lb.	No stocks.	
Peanut meal, 45%, sacked, mills	ton.	67.00	—
Pectin, citrous, NF, powd., bbls	lb.	2.05	2.06
tech., powd., bbls.	lb.	1.43	1.43
Penicillin, crystalline, potassium, unlabeled, vials, 100,000 units	vl.	.102	—
200,000 units	vl.	.15½	—
500,000 units	vl.	.28	—
1,000,000 units	vl.	.52	—
2,000,000 units	vl.	1.00	—
bulk, sterile, over 25,000,000,000 unit lots, 100,000 units.		.04	—
tablet grade, over 25,000,000,000 unit lots 100,000 units.		.03½	—
Procaine, bulk, over 25,000,000,000 unit lots, 100,000 units.		.04½	—
sodium, unlabeled vials, 100,000 units	vl.	.10¾	—
200,000 units	vl.	.16	—
500,000 units	vl.	.30½	—
1,000,000 units	vl.	.57	—
2,000,000 units	vl.	1.03	—
bulk, over 25,000,000,000 unit lots, 100,000 units.		.04½	—

3 GOOD REASONS WHY IT ALWAYS PAYS TO USE JAVONELLA

- It's a manufactured article . . . free from the price fluctuations of natural essential oils such as Citronella, Sassafras, etc.
- Its high quality never varies, enabling you to manufacture uniformly dependable products.
- Always lower in cost than the natural oils, particularly now with citronella prices on the rise, its use results in production economies and higher profits without lowering quality standards.

WRITE FOR SAMPLE AND QUOTATION

AROMATIC CHEMICALS • ESSENTIAL OILS • PERFUME OILS • FLAVORS

FELTON CHEMICAL COMPANY, INC.
599 Johnson Ave., Brooklyn 6, N. Y.

BRANCHES IN BOSTON • PHILADELPHIA • LOS ANGELES
ST. LOUIS • CHICAGO • DALLAS • MONTREAL • TORONTO

Pennyroyal leaves, bls.....lb. .40 - .45
Pentachlorophenol, dms., c.l., works, frt. equald..lb. .20 - —
l.c.l., same basis.....lb. .23 - .26
truckload, 20,000 lbs., min., same basis..lb. .20¼ - —
Pentaerythritol, tecn., bgs., c.l., works..lb. .29 - —
l.c.l., works.....lb. .31 - .33
Di and tri-isomers (see Dipentaerythritol and Tripentaerythritol).
Pentane, industrial, tanks, group 3 gal. .10½ - .11½
Pepper, black.....lb. 1.43 - 1.44
Apr. arrival.....lb. 1.43 - 1.44
May shipment, bgs.....lb. 1.43 - 1.44
Red, Carolina, longs, bgs.....lb. .39 - .40
Oct.-Nov. delivery, bgs.....lb. .36 - .37
Ethiopian, stemless, bgs.....lb. .33½ - .34
Haitian, bgs.....lb. .60 - .61
Hontaka, bgs.....lb. .60 - .61
Louisiana longs, bgs.....lb. .41 - .41½
Mexican sports, bgs.....lb. .36 - .37
Mississippi sports, bgs., source lb. .45 - .45½
Mombassa, bgs., afloat.....lb. .52 - .52½
Nigerian, caps, bgs., futures lb. .42 - .43
birdseye, bgs.....lb. .65 Nom.
Sudanese, small, bgs.....lb. .50 - .51
Turkish, bgs.....lb. .26 - .27
White, bgs.....lb. 2.40 - 2.50
Peppermint, USP, dom., bls.....lb. .50 - .70
imported, bls.....lb. .80 - .90
Pepsin, NF, bulk containers lb. 3.90 —
Perchloroethylene, dms., c.l., or truckload, works, frt. equald. lb. .10¼ - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09¾ - —
dms., c.l., zone 1, works, frt. alld lb. .11 - —
zone 2, same basis.....lb. .11½ - —
zone 3, same basis.....lb. .12 - —
zone 4, same basis.....lb. .12½ - —
l.c.l., zone 1, same basis....lb. .11¾ - —
zone 2, same basis.....lb. .12¼ - —
zone 3, same basis.....lb. .12¾ - —
zone 4, same basis.....lb. .12¼ - —
tanks, zone 1, same basis.....lb. .10½ - —
zone 2, same basis.....lb. .11 - —
zone 3, same basis.....lb. .11½ - —
zone 4, same basis.....lb. .11 - —

Perchloroethylene zones are.—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kansas, La., Miss., Neb., N D., Okla., S. C., S. D.; (3) Colo., Mont., (4) N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont., (W), Nev., Ore., Utah, Wash.

Peru balsam, dms.....lb. .90 - 1.10
Petrolatum, USP, amber, dms., c.l., New York lb. .04⅝ - .04⅞
l.c.l., same basis.....lb. .05½ - .05¾
cream, dms., c.l., same basis.lb. .05¾ - .06⅛
l.c.l., same basis.....lb. .07 - .08
extra amber, dms., c.l., same basis lb. .04⅞ - .05⅛
l.c.l., same basis.....lb. .05⅜ - .06
white lily, dms., c.l., same basis lb. .06 - .06⅞
l.c.l., same basis.....lb. .07¼ - .08¼
snow, dms., c.l., same basis.lb. .06½ - .07⅛
l.c.l., same basis.....lb. .07½ - .08½
soft dms., c.l., same basis lb. .06¼ - .06⅝
l.c.l., same basis.....lb. .07¼ - .07½
yellow, soft, dms., c.l., same basis lb. .04⅞ - .05
l.c.l., same basis.....lb. .05⅜ - .05⅞
Petroleum, crude, bulk, at wells, California..bbl. 1.10 - 2.99
Illinois.....bbl. 2.44 - 2.87
Kentucky.....bbl. 2.42 - 2.83
Louisiana-Arkansas.....bbl. 2.08 - 2.90
Montana.....bbl. 1.28 - 2.775
Oklahoma-Kansas.....bbl. 2.16 - 2.65
Pennsylvania, lower field bbl. 3.54 - —
Upper field.....bbl. 2.75 - 3.54
Texas, East.....bbl. 2.65 - —
Gulf coast.....bbl. 2.38 - 2.95
North, North-Central..bbl. 2.23 - 2.65
Panhandle.....bbl. 2.23 - 2.65
West.....bbl. 2.10 - 2.65
Wyoming.....bbl. 1 28 - 2.375
Ether, laboratory, 30°-60° C, cns., dlvd. E..gal. 1.50 - —
dms., c.l., group 3.....gal. .26 - —
l.c.l., same basis...gal. .44 - —
35°-60° C, 10-gal. cns., dlvd. E. gal. 1.50 - —
dms., c.l., Group 3.....gal. .26 - —
l.c.l., same basis.....gal. .44 - —
40°-75° C, 10-gal. cns., dlvd. E..gal. 1.50 - —
dms., c.l., Group 3.....gal. .26 - —
l.c.l., same basis.....gal. .44 - —
60°-160° C, ret. dms., ex tax, f.o.b San Francisco gal. .57 - —
Fuel oil, bunker C, No. 6, California, heavy tanks, refinery..bbl. 1.25 - 1.55
light, tanks, refinery..bbl. 1.65 - 2.10
eastern, tanks, Albany, N. Y. bbl. 2.20 - —
Baltimore, Md.....bbl. 2.08 - —
Boston, Mass.....bbl. 2.10 - —
Charleston, S. C.....bbl. 2.03 - —
Jacksonville, Fla.....bbl. 1.87 - —
New York, N. Y.....bbl. 1.90 - 2.03
Norfolk, Va.....bbl. 2.03 - —
Philadelphia, Pa.....bbl. 2.08 - —
Portland, Me.....bbl. 1.98 - —
Providence, R. I.....bbl. 1.925 - —
Savannah, Ga.....bbl. 1.88 - —
Diesel, tanks, refinery, California..gal. .081 - .115
Pennsylvania.....gal. .09 - .0925
Furnace, tanks, refinery, Arkansas, No. 2..gal. .0775- —
No. 3.....gal. .07375- —
Bayonne, N. J., No. 2....gal. .077 - —
Group 3, No. 1.....gal. .0825- .08625
No. 1, straw.....gal. .0825- .08625
No. 2, straw.....gal. .07625- .085
range.....gal. .0825- .0875
Pennsylvania, western, No. 1 gal. .095 - .10
No. 2.....gal. .0925- .095
No. 3.....gal. .09 - .0925
Lacquer diluent, California, 170-225 F, b.r., tanks, ex tax, f.o.b. Los Angeles..gal. .147 - —
255 F, b.r., tanks, ex-tax, Portland, Ore.....gal. .158 - —
San Francisco.....gal. .152 - —
Seattle, Wash.....gal. .158 - —
East coast, tanks, N. J. and N. Y. refinery gal. .18 - —
group 3, benzol-type, tanks, refinery..gal. .12125- —
toluol-type, tanks, refinery, gal. .11125- .11375
Mineral, spirits, California, 170-255 b.r., tanks, ex tax, f.o.b. San Francisco gal. .152 - —
205-295 b.r., tanks, same basis gal. .152 - —
245-360 b.r., tanks, same basis gal. .152 - —
305-362 b.r., tanks, same basis gal. .142 - —
312-400 b.r., tanks, same basis gal. .142 - —
360-455 b.r., tanks, same basis gal. .152 - —
East coast, tanks, N. J., N. Y., refinery gal. .14 - —
group 3, tanks.....gal. .09875- —
Petroleum mineral spirits, tankwagon, Baltimore..gal. .175 - —
Boston.....gal. .16 - —
Buffalo.....gal. .165 - —
Newark.....gal. .15 - —
New York.....gal. .15 - —
Philadelphia.....gal. .14 - —
Pittsburgh.....gal. .175 - —
Providence.....gal. .165 - —
Rochester.....gal. .18 - —
Syracuse.....gal. .19 - —
Washington, D. C.....gal. .175 - —
Naphtha, cleaners, East Coast, tanks, N. J., N. Y., refinery..gal. .14 - —
Group 3, tanks.....gal. .10875- —
tankwagon, Newark.....gal. .15 - —
New York.....gal. .15 - —
Philadelphia.....gal. .14 - —
high-flash, 140° F, group 3, refinery, tanks gal. .13 - .145
200-285 b.r., 37-38° C., mixed anilin pt., tanks, refinery or terminal gal. .20 - .21
25-26° C., m.a.p., tanks, same basis gal. .19½ - .24
270-370 b.r., 78-81° C., m.a.p., tanks, same basis gal. .23½ - —
49° C., m.a.p., tanks, same basis gal. .26½ - —
26-27° C., m.a.p., tanks, same basis gal. .19½ - .24½
300-400 b.r., 28-32° C., m.a.p., tanks, same basis gal. .19½ - .27
340-440 b.r., 27° C., m.a.p., tanks, same basis gal. .29 - —
32° C., m.a.p., tanks, same basis gal. .19½ - —
36° C., m.a.p., tanks, same basis gal. .20½ - —
340-440 b.r., 32° C., m.a.p., tanks, same basis gal. .24½ - .27
360-480 b.r., 25° C., m.a.p., tanks, same basis gal. .19½ - —
Petroleum naphtha, V.M.&P., ref'y, California, 245-360 b.r., Los Angeles..gal. .147 - —
Portland, Ore.....gal. .158 - —
San Francisco....gal. .152 - —
Seattle, Wash.....gal. .158 - —
East coast, N. J., N. Y., tanks..gal. .15 - —
Group 3, tanks.....gal. .10875- —
tankwagon, Boston.....gal. .175 - —
Newark.....gal. .165 - —
New York.....gal. .165 - —
Philadelphia.....gal. .165 - —
Pittsburgh.....gal. .185 - —
Solvent, rubber, California, tanks, ex tax, San Francisco gal. .152 - —
East coast, N. J., N. Y., gal. .15 - —
Group 3 tanks.....gal. .10375- .11375
Stoddard, California, tankwagon, ex-tax, Los Angeles..gal. .157 - .195
East coast, N. J., N. Y., tanks gal. .14 —
Group 3, tanks.....gal. .10375- .10875
Pennsylvania, western, tanks..gal. .1225- —
tankwagon, Boston.....gal. .16 - —
Newark.....gal. .15 - —
New York.....gal. .15 - —
Philadelphia.....gal. .14 - —
Pittsburgh.....gal. .175 - —
Syracuse.....gal. .19 - —
Sulphonate, 70% sulphonic content, ret. dms., c.l., works. lb. .1715- —
l.c.l., works.....lb. .1750- —
tanks, works.....lb. .1525- —

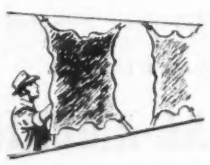
Pennyroyal Leaves—Phenyl Salicylate

Petroleum sulphonate, 50% sulphonic content, ret. dms., c.l., works..lb. .1365- —
l.c.l., works.....lb. .1400- —
tanks, works.....lb. .1175- —
Phenobarbital, USP, dms., 100 lbs. lb 4.00 - 4.35
Phenobarbital-sodium, USP, dms lb. 4.00 - 4.10
Phenol 90-92% (cresol, 8-10%), dms., c.l., frt. alld. and frt. equald. E. of Rockies. lb. .1375- —
l.c.l., same basis.....lb. .1450- —
tanks, same basis.....lb. .1200- —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .1375- —
l.c.l., same basis.....lb. .1450- —
tanks, same basis.....lb. .1200- —
USP, synthetic, dms., c.l., same basis..lb. .14½ - —
l.c.l., same basis.....lb. .15½ - .17¼
tanks, same basis.....lb. .12¾ - —
tar distilled, dms., c.l., same basis..lb. .14¾ - —
l.c.l., same basis.....lb. .15½ - —
tanks, same basis.....lb. .13 - —
Phenolphthalein, USP or yellow, bbls., dms., 2,000 lbs..lb. 1.00 - —
smaller tots lb. 1.02 - 1.07
Phenothiazin, NF, bbl. dms., 18,000 lbs., frt. adjusted..lb. .44 - —
smaller lots, frt. adjusted lb. .46 - —
Phenylacetaldehyde solution, 50%, bots lb. 2.35 - 2.65
100%, bots.....lb 4.00 - 4.75
Phenylacetamide, 125-lb. dms., works, lb. lots..lb. 1.25 - —
smaller dms.....lb. 1.30 - 1.60
Phenyl acetate, dms., 100-lb. lots, works lb. .50 - —
Salicylate (see Salol).

Dow Serves American Industry

EPSOM SALT, tech.

Epsom salt is used in the dyeing and printing of textiles.



Epsom salt assists in the tanning of sole leather.

It is a bleach stabilizer in paper making.

Epsom Salt, technical, has extensive industrial applications in a variety of processes. It is employed, to list only a few industries, in the ceramic, explosive, match and fertilizer industries.

Look to Dow to satisfy your needs.

ALSO AVAILABLE ARE:

Aniline
Phenol
Hydrochloric Acid
Caustic Soda
Sodium Sulfide

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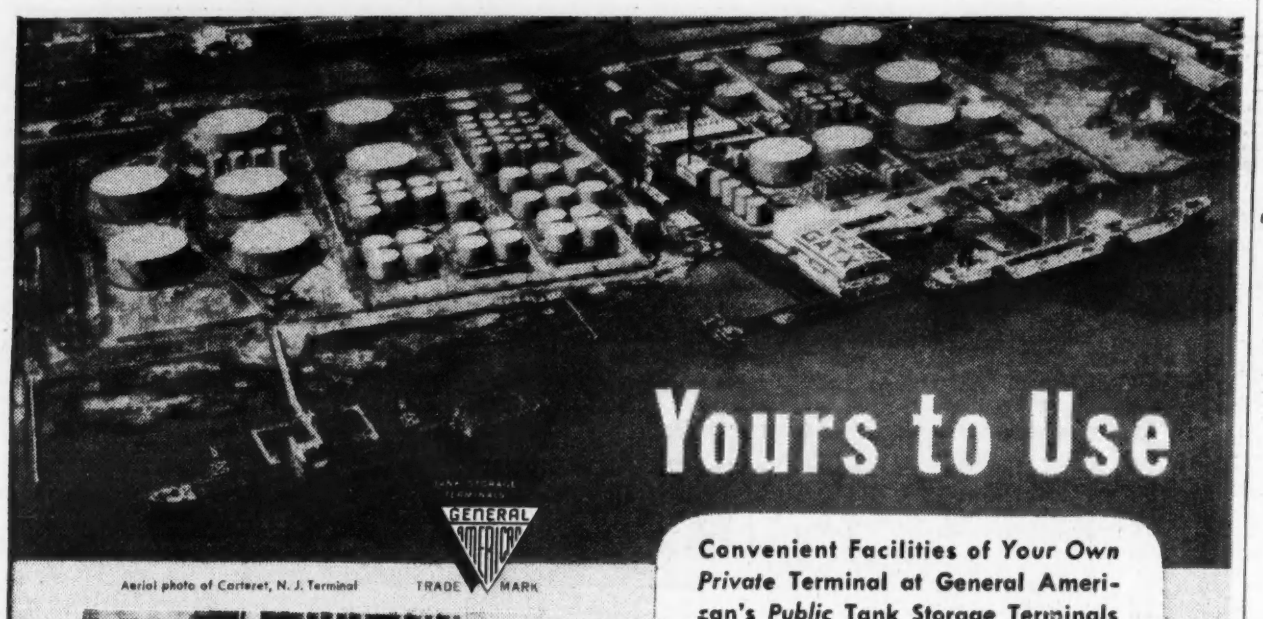
Dow Chemical of Canada, Limited, Toronto.....ELgin 9208

DOW
CHEMICALS
INDISPENSABLE TO INDUSTRY AND AGRICULTURE

Phenylamine—Potassium Titanate

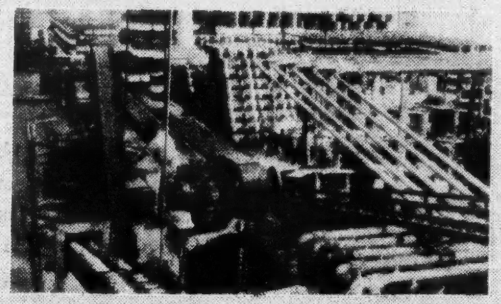
Phenylalanine dextro laevo, dms., works..lb.30.00 -37.50
Phenyldiethanolamine, dms., c.l., works..lb. .35½- —
l.c.l., works..lb. .36½- —
Phenylethanolamine, dms., c.l., works..lb. .67½- —
l.c.l., same basis..lb. .68½- —
Phenylethyl acetate, dms..lb. 1.45 - 2.70
Phenylethylphenyl acetate, bots..lb. 3.75 - 6.00
Phenylhydrazin base, CP, bots..lb. 3.00 - 3.07
Hydrochloride, commercial, kgs., works..lb. 1.75 - —
CP, bots., works..lb. 5.00 - 5.07
Phenylmethylpyrazolone (see Methylphenylpyrazolone).
Phloroglucinol, CP, fib. dms., works..lb.13.75 -15.75
commercial fib. dms., works..lb. 5.50 - 7.00
tech., fib. dms., works..lb. 9.65 -10.75
Phosgene, 150-lb. cyls., works..lb. .20½- —
10-lb. cyls., works..lb. 1.50 - —
Phosphate, defluorinated (see under D)
Phosphate rock, Curacao, Atlantic ports..ton.35.00 - —
Florida, land pebble, run-of-mine, washed, dried, unground, 68-66%, b.p.l., bulk, c.l., car at mine..long ton. 3.755 - —
70%-68%, b.p.l., c.l., same basis..long ton. 4.155 - —
72%-70%, b.p.l., c.l., same basis..long ton. 4.805 - —
75%-74%, b.p.l., c.l., same basis..long ton. 5.805 - —
77%-78%, b.p.l., c.l., same basis..long ton. 6.905 - —
Phosphate rock, Florida, finely ground, 65% b.p.l., basis 30% P_2O_5 minimum..short ton. 4.93 - —
68%, b.p.l., basis 31% P_2O_5 minimum..short ton. 5.28 - —
70%, b.p.l., basis 32% P_2O_5 minimum..short ton. 5.83 - —
plus or minus usual bonus adjustment clause for oil and labor. Prices on entirely pebble, 50c. per long ton higher than above quotations.
Tennessee, brown, run-of-mine, unground, 27-28% P_2O_5..long ton. 6.45 - —
30-29% P_2O_5..long ton. 7.21 - —
Phosphorus, red, amorphous, cs..lb. .33 - .36
tins, export..lb. .34 - .37
Yellow, cns..lb. .30 - .37
dms., c.l..lb. .26 - —
Oxychloride, dms., works..lb. .13 - .16
Pentasulphide, dms., c.l., works..lb. .11 - —
l.c.l., dms., works..lb. .12 - .13
Pentoxide, dms., c.l., works..lb. .12 - —
c.l., works..lb. .13 - .14
Sesquisulphide, tins, cs., works..lb. .23 - .29
dms., export..lb. .33½- .36
Trichloride, dms., c.l., works..lb. .13 - —
l.c.l., works..lb. .14 - .17
Phthalic anhydride, bgs., c.l., works, frt. equald..lb. .17½- —
l.c.l., same basis..lb. .18½- —
Bbls. ½c. per pound higher.
Phthalimide, bbls., works..lb. 1.10 - 1.37
Pichi leaves, bgs..lb. .08 - .10
Picoline (see Alphapicoline and Betapicoline)
Pilocarpine hydrochloride, NF, bots., vials..oz. 6.50 - 7.50
Nitrate, USP, bots, vials..oz. 6.25 - 7.25
Pimento, Jamaica, bgs..lb. .20½- .21
Pinetar, retort, dms., incl., c.l., works, South..lb. .045 - —
l.c.l., same basis..lb. .0473- —
whse., N.Y.C..lb. .0595- —
tanks, works, South..lb. .035 - —
Pinkroot, bls..lb. 1.55 - 1.65
Piperidine, 95%, dms., frt. equald..lb. 1.65 - —
98%, dms., same basis..lb. 1.75 - —
Piperazine hexahydrate, bots..kilo.12.50 -13.25
Pipsissewa herb (see Prince's pine).
Pitch, burgundy, dms. incl., 20 or more dms., works, South..100 lbs. 7.16 - —
whse., N. Y. C..100 lbs. 8.08 - —
5 to 19 dms., works, South..100 lbs. 7.36 - —
whse., N. Y. C..100 lbs. 8.28 - —
1 to 4 dms., works, South..100 lbs. 7.61 - —
whse., N. Y. C..100 lbs. 8.53 - —
Coaltar, 150° F. m.p., bbls., c.l., works..ton.34.00 - —
l.c.l., works..ton.36.00 -37.00
Pitch, cottonseed, dms., works..lb. .05½- .07
Hardwood, paper bgs., c.l., works..lb. .02 - —
Linseed, dms..lb. .06 Nom.
Petroleum (see Asphaltum, Mexican, Texas).
Pine, dms., ex whse. East..100 lbs. 4.67 - —
Soybean, dms., works..lb. .04½- .05
Plaster of paris (see Gypsum).
Platinum metal, works..oz.66.00 -69.00
Pokeroot, bls..lb. .13 - .14
Pleurisy root, bls..lb. .25 - .26
Podophyllin, NF, dms..lb.12.45 - —
Polystyrene, colors, special, bgs., over 30,000 lbs., frt. alld..lb. .30 - —
20,000-29,999 lbs., same basis..lb. .30 - —
10,000-19,999 lbs., same basis..lb. .30½- —
200-9,999 lbs., same basis..lb. .31 - .60
standard, bgs., over 30,000 lbs., same basis..lb. .30 - —
20,000-29,999 lbs., same basis..lb. .30 - —
10,000-19,999 lbs., same basis..lb. .30½- —
200-9,999 lbs., same basis..lb. .30½- —
crystals, heat-resistant, bgs., over 30,000 lbs., same basis..lb. .25½- .27
20,000-29,999 lbs., same basis..lb. .26½- .28
10,000-19,999 lbs., same basis..lb. .27½- .29
200-9,999 lbs., same basis..lb. .27½- .29
standard, bgs., over 30,000 lbs., same basis..lb. .25½- —
20,000-29,999 lbs., same basis..lb. .26½- —
10,000-19,999 lbs., same basis..lb. .27½- —
200-9,999 lbs., same basis..lb. .27½- —
Polystyrene in non-returnable fiber dms., ½c. per lb. higher.
Pomegranate root bark, bgs..lb. .68 - .70
Poppy flowers, bls..lb. .50 - 1.05
Seed, Czech, bgs..lb. .14 - .15
Dutch, bgs..lb. .17 - .17½
Polish, bgs..lb. .16 - .16½
Potash, caustic, low-chloride, flake, 85% basis 90% KOH, dms., c.l., works..100 lbs. 9.75 - —
l.c.l., works..100 lbs.10.50 - —
liquid, 45%, dms., c.l., works, 100 lbs. 4.525 - —
l.c.l., works..100 lbs. 5.025 - —
tanks, works..100 lbs. 4.20 - —
solid, 90%, dms., c.l., works, 100 lbs. 9.15 - —
l.c.l., works..100 lbs. 9.90 - —
regular, flake, 88-92%, dms., c.l., works..lb. .0815- —
l.c.l., works..lb. .089 - —
liquid, 45% basis, dms., c.l., works..lb. .03725- —
l.c.l., same basis..lb. .0450- —
tanks, same basis..lb. .0340- —
solid, 88-92%, dms., c.l., works..lb. .0755- —
l.c.l., works..lb. .0830- —
Potassium abietate..lb. .08 - —
Acetate, USP, dms..lb. .31 - .36
Bicarbonate, USP, gran., dms..lb. .20 - .23
powd., dms..lb. .22 - .24
Bichromate, bgs., works..lb. .13¼- .14¼
Potassium bichromate in drums, ½c. higher.
Bitartrate (see Cream of tartar)
Borate, gran., bbls., c.l., works, ton.192.00 - —
ton lots, works..ton.245.50 - —
less ton lots, works..ton.250.50 - —
Bromate, bbls., 1,000 lbs. or more..lb. .48 - —
25-200-lb. lots..lb. .60 - —
Bromide, USP, cryst., gran., bbls., kgs..lb. .33 - .34
Carbonate, tech., calcined, bbls., c.l., works..lb. .0780- —
l.c.l., same basis..lb. .0855- —
hydrated, 83-85%, bbls., c.l., works..lb. .06¼- —
dms., l.c.l., works..lb. .07 - —
USP, gran., bbls., dms..lb. .16½- .18
powd., bbls., dms..lb. .21 - .23
Chromate, tech., bgs..lb. .25 - .26
Chlorate, cryst., dms., c.l., works..lb. .069 - —
l.c.l., works..lb. .0915-.1015
powd., dms., c.l., works..lb. .094 - —
l.c.l., works..lb. .0965-.1065
export, dms., 1 to 10 tons, ex whse..lb. .12 - —
NF, gran., dms..lb. .31 - .33
Chloride, USP, cryst., dms..lb. .26 - .27
gran., bbls..lb. .20 - .22
powd., bbls..lb. .29 - .32
Citrate, USP, gran., dms..lb. .37½- .38½
powder, dms..lb. .40½- .41½
Cyanide, dms., works..lb. .52½- .55
Fluoride, dms., works..lb. .24 - —
Gluconate, dms..lb. .75 - .79
Glycerophosphate, 75% solution, cbys..lb. 2.05 - 2.20
Guiacol sulphonate, NF, dms..lb. 1.80 - 1.85
Hydroxide, tech. (see Potash, caustic), USP, pellets, jars..lb. .33 - —
Hypochlorite, liquid, cbys., dms., works..100 lbs. 3.50 - —
Hypophosphite, NF, ton lots and less, fib. dms..lb. .90 - .93
Iodide, dms..lb. 1.95 - 1.98
Manure salt, 22% K_2O, bulk, mines unit-ton. .20 - —
25% K_2O, bulk, mines unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .21 - —
powd., bbls..lb. .25 - —
Muriate, dom., 60% K_2O, bulk, Carlsbad, N. M..unit-ton. .37½- —
Trona, Cal..unit-ton. .45½- —
Nitrate (see Saltpeter).
Oxalate, neutral, tech., fine gran., bbls., dms..lb. .30 - .32
purified, dms..lb. .42 - .44
Perchlorate, dms., l.c.l..lb. .14 - .15
kgs., c.l., works..lb. .13½- —
Permanganate, tech., dms., works, lb. .21¾- .22¾
USP, dms., works..lb. .23½- .24
ex whse..lb. .29 - —
Persulphate, dms., c.l., works..lb. .17 - —
l.c.l., works..lb. .21 - —
Phosphate, tetrabasic, bbls., wks., lb. .13 - .13½
Prussiate, red, kgs..lb. .60 - .63
yellow, bbls..lb. .21 - —
kegs..lb. .26 - —
Ricinoleate, tech., bbls..lb. .11 - —
Silicate, glass, bgs., c.l., wks., ton.200.00 - —
l.c.l., 100 lbs.15.25 - —
solution, 28° Be, ret. dms., c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works, 100 lbs. 5.00 - —
1-4, works..100 lbs. 5.50 - —
62° Be, net, dms., c.l., works, 100 lbs. 4.75 - —
l.c.l., 5 or more, works, 100 lbs. 5.50 - —
1-4, works..100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works, 100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works..100 lbs. 7.00 - —
Silicofluoride, bbls., works..lb. .07 - .08
Sulphate, agricultural, dom., bulk, basis 90-95% K_2SO_4, min. 90%, works..ton.32.50 - —
indust., bulk, works..ton.36.00 - —
NF, cryst., bbls..lb. .31 - .33
gran., dms..lb. .18½- —
powder, dms..lb. .17 - —
Sulphocyanide, cryst., NF (see Potassium thiocyanate).
Thiocyanate, cryst., NF, dms..lb. .76 - .78
tech., works..lb. .45 - .50
Titanate, cns., c.l., works..lb. .12 - —
5 tons, works..lb. .12¼- —
1 ton or less, works..lb. .12½- .12¾



Yours to Use

GENERAL AMERICAN TRADE MARK

Aerial photo of Carteret, N. J. Terminal



YOUR Own Barrel House . . . where your petroleum products may be packed in drums or barrels.

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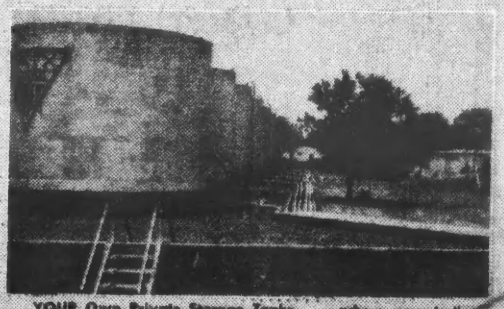
YOUR Own Individual Pipelines . . . and carefully guarded manifolds, especially designed to protect your product against contamination.



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WORLD'S LARGEST PUBLIC TANK STORAGE SYSTEM

Terminals At
Carteret, N. J.; Goodhope, La., Houston and Corpus Christi, Texas

Potassium-magnesium sulphate, bulk, min., 40% K_2SO_4, 18-50% MGO, works..ton 14.50 - —
Potassium-sodium tartrate (see Rochelle salt).
Potassium-titanium fluoride, fib, dms., works lb. .45 - .55
Potassium-titanium oxalate, bbls., kgs lb. .65 - .70
Potassium-zirconium fluoride, fib, dms., c.l., works lb. .50 - —
l.c.l., works lb. .52½ - .55
Prickly ash bark, bls lb. .23 - .25
Berries, bgs lb. .55 - 75
Prince's pine herb, bls lb. .45 - .50
Procaine hydrochloride, USP, dms., contract, 1,000 lbs. or more, works lb. 3.75 - 4.50
spot, 1,000 lb. lots lb. 4.50 - —
smaller lots lb. 4.00 - 5.00
Progesterone, USP, 100 gms gm. 2.75 - —
Propane commercial grade, tanks, group 3 gal. .02½ - —
Propionaldehyde, dms., c.l., works lb. .28½ - —
l.c.l., works lb. .29½ - —
tanks, works lb. .25 - —
Propyl aldehyde (see Propionaldehyde)
Parahydroxybenzoate, USP, dms lb. 2.30 - 2.40
Propylene dichloride, dms., c.l. lb. .06½ - —
l.c.l. lb. .09¼ - —
smaller containers lb. .12½ - —
tanks lb. .07 - —
Oxide, dms., c.l., frt. alld. E lb. .18½ - —
l.c.l., frt. alld. E lb. .19½ - —
tanks, frt. equald. E lb. .16½ - —
Propyleneglycol, NF, dms., c.l., frt. alld. E lb. .17½ - —
l.c.l., same basis lb. .18½ - —
tanks, same basis lb. .16 - —
tech., dms., c.l., frt. alld. E lb. .16½ - —
l.c.l., same basis lb. .17½ - —
tanks, same basis lb. .15 - —
Methylether, dms., c.l., frt. equald. lb. .18 - —
l.c.l., same basis lb. .18½ - —
tanks, same basis lb. .16½ - —
Propylthiouracil, bots., 50 kilos or more kilo 55.00 - —
smaller lots lb. 55.10 - 55.30
Psyllium seed, black, bgs lb. .22 - .25
blonde, bgs lb. .19 - .21
husks, bgs lb. .42 - .43
Pulsatilla herb, bls lb. .45 - .50
Pumice, dom., grd., course, 0½, 1, 1½, 2, 3, bgs., ton lots. lb. .03⅜ - .04
Chicago, bgs., ton lots lb. .04½ - —
smaller lots lb. .03⅜ - .04¼
Italian, silk-screen, coarse bgs., ton lots lb. .05½ - —
fine, bgs., ton lots lb. .04 - —
sun dried, coarse, bgs., ton lots lb. .02½ - —
fine, bgs., ton lots lb. .02½ - —
Pumice in bbls is ½c. per lb higher.
Pumpkin seed, bgs lb. .18 - .26
Purple lake (see Red)
Pyrethrum concentrate, dewaxed, 20%; for aerosol bombs, dms., works lb. 11.00 - 11.50
liquid (20 to 1), basis 2 grams pyrethrins per 100cc., odorless base, dms., works gal. 9.50 - —
regular base, dms., works. gal. 9.40 - —
(30 to 1 base, 3 grams, pyrethrins, per 100cc, odorless base, bbls., works gal. 14.15 - —
regular base, dms., works. gal. 14.05 - —
smaller lots, same basis lb. 50.00 - 55.00
Flowers, fine-grd., 0.9% pyrethrins, bbls., works lb. .42 - .44
powder, 1.3% pyrethrins, bbls., works lb. .56 - .65
Pyrethrin, synthetic (see Allethrin)
Pyridin, denaturing, dms., works, and frt. equald., c.l. gal. 2.00 - 2.69
l.c.l. gal. 2.00 - 2.72
refd., 2°, non-ret. dms., c.l., same basis lb. .79½ - —
l.c.l., same basis lb. .80 - —
Pyridoxine hydrochloride, 100-gram lots gram. .55 - —
Pyrites, Spanish, c.i.f. Atl. ports long-ton. 8.00 - —
Pyrocatchin (see Catechol).
Pyrophyllite, standard, 200 mesh, bulk, c.l., mines ton. 11.00 - 11.50
230 mesh, bulk, c.l., mines ton. 12.00 - —
325 mesh, bulk, c.l., mines ton. 15.00 - —
No. 3, 200 mesh, bulk, c.l., mines, ton. 9.50 - —
insecticide grade, 200 mesh, bgs., c.l., mines ton. 12.00 - 12.50
rubber grade, 140 mesh, bgs., c.l., mines ton. 10.00 - 10.50
Pyrophyllite in paper bgs., $3 to $3.50 per ton extra.
Pyroxylin scrap, opaque, amber, cs., works lb. .17 - —
black, cs., works lb. .14 - —
gray, cs., works lb. .14 - —
mixed, mottled, cs., works lb. .12 - —
white, china, ivory, cs., works. lb. .17 - —
dense, cs., works lb. .17 - —
translucent, pastels, cs., works, lb. .17 - —
transparent, colorless, cs., works, lb. .19 - —
colors, cs., works lb. .17 - —
shavings, opaque, amber, cs., works lb. .15 - —
transparent, mixed, colors, cs., works lb. .14 - —
white, cs., works lb. .17 - —
USP, bots., divd lb. 9.54 - —

Q

Quassia chips, bls lb. .08 - .09
Quebracho extract, clarified, grd., 70% tannin, bgs., c.l., lb. .14¾ - .15
liq., 35% tannin, bbls., works, lb. .08 - .08½
tanks, same basis lb. .07½ - —
solid, 64% tannin, bgs., c.l., duty extra lb. .09 - —
powd., 70% tannin, bgs., c.l lb. .15½ - —
ordinary, solid, 63% tannin, bgs., c.l., ex-dock, duty extra lb. .08⅞ - —
Quebracho extract prices are based on $20.40 freight and $1 insurance per long ton.
Queen of the meadow root, bgs lb. .14 - .15
Quercitron crystals, bbls., l.c.l lb. .33½ - —
Extract, liquid, bbls., l.c.l lb. .14½ - —
solid hxs m .28 - —
Quicksilver, flasks (76 lbs.) net, 100 flask lots flask. 71.00 - —
smaller lots flask. 73.00 - 75.00
Quince seed, bgs lb. .90 - 1.50
Quinidine, NF V, crys., cns oz. 1.90 - —
powd., precip., cns oz. 1.85 - —
Sulphate, USP, cns oz. 1.25 - —
Quinine, NF, cns., 100 ozs oz. .70 - —
Bisulphate, USP, cns., 100 ozs oz. .51 - —
Dihydrochloride, USP oz. .70 - —
Ethylcarbonate, NF, cns., 100 ozs. oz. .75 - —
Hydrobromide, NF, cns., 50-oz. cns. oz. .63 - —
Hydrochloride, USP, cns., 100 ozs. oz. .63 - —
Phosphate, NF, cns., 100 ozs. oz. .76 - —
Salicylate, NF, cns., 100 ozs. oz. .66 - —
Sulphate, USP, cns., 100 ozs. oz. .56¼ - —

Quinine-urea hydrochloride, NF, cns lb. .68 - —
Quinolin, dms., c.l., works lb. .50¾ - —
l.c.l., works lb. .51¼ - —
tanks, works lb. .50 - —

R

R salt, paste, dry basis, dms. lb. .70 - .73
Raspberries, dried, bbls lb. 1.65 - 1.70
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.45 - 2.25
Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.). (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. per lb. higher, dlvd. Pacific coast prices equaled with Chicago, dlvd. Denver, Pueblo, Salt Lake City, Wichita.
Cadmium, CP, dark shade, bbls., frt. alld., E. of Rockies lb. 3.65 - —
light shade, bbls., same basis. lb. 3.50 - —
medium shade, bbls., same basis lb. 3.60 - —
medium-light shade, bbls., same basis lb. 3.53 - —
orange shade, bbls., same basis lb. 3.15 - —
lithopone, deep shade, bbls., same basis lb. 1.35 - —
light shade, bbls., same basis lb. 1.20 - —
maroon shade, bbls., same basis lb. 1.45 - 1.55
medium shade, bbls., same basis lb. 1.30 - —
Red, cadmium, lithopone, medium-light shade, bbls., same basis lb. 1.25 - —
orange-red shade, bbls., same basis lb. 1.15 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher; all prices are 1c. per lb. higher ex whse. Los Angeles and San Francisco
Carmine, No. 40 (see Carmine).
Crocus martis (see Red, maroon iron oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works lb. 1.40 - —
Indian, dom., pgs., Bethlehem, Easton, E. St. Louis, N. Y lb. .11¼ - 11¾
Iron oxide, synth., bgs lb. .11½ - .11¾
75%-85% copperas oxide, bgs., l.c.l., Bethlehem, Pa., Copley, O.; Easton, Pa.; E. St. Louis lb. .05¼ - .09¼
special, high color, all shades lb. .60 - —
Lake C toner alizarin, bbls., works lb. 1.05 - —
Lithol toner, bbls., works lb. .65½ - .80
Lithol-rubin toner, alizarin lake, bbls., works lb. 1.40 - —
Maroon, alizarin lake, 25%, kgs., works lb. .40 - .43
toner, bbls., works lb. 1.35 - 1.50
Cadmium, deep, bbls., works lb. 1.20 - —
regular, bbls., works lb. 1.10 - —
Iron oxide, bgs., l.c.l., works lb. .04 - —
MNPA toner, kgs., works lb. 3.25 - —
Maroons in smaller pkgs., 5c. per lb higher
Mercury oxide, tech., bbls., 10,000 lbs., works lb. 2.00 - —
smaller lots, works lb. 2.02 - —
Red, metallic, bbls., works lb. .02½ - .02¾
Oxide (see Red, iron oxide), Persian gulf, bgs., works lb. .06¾ - .07
Para toner, bbls lb. .89½ - .90
chlorinated, kgs lb. .95 - 1.05
concentrated alizarin lake, kgs., works lb. 80 - —
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine Y, kgs., works lb. 4.45 - —
Pink lake, alizarin, bbls., works lb. .20 - .25
Purple lake, kegs lb. 1.35 - —
Rose lake, alizarin, bbls., works lb. .25 - .28
Spanish oxide, grade 1, bbls., c.l., ex dock lb. .05½ - .05¾
l.c.l., ex dock lb. .05¾ - .06
ex whse., New York lb. .06½ - —
grade 2, bbls., c.l., ex dock lb. .05¼ - .05½
l.c.l., ex dock lb. .05½ - .05¾
ex whse., New York lb. .06¼ - —
Toluidin toner (MNPT), kgs., works lb. 1.01 - 1.30
Turkey, bbls., works lb. .14½ - —
Tuscan, bbls., frt. equald lb. .24½ - .25
Venetian, 15%, bgs., works lb. .0350 - —
20%, bgs., works lb. .0360 - —
25%, bgs., works lb. .0410 - —
30%, bgs., works lb. .0440 - —
35%, bgs., works lb. .0465 - —
40%, bgs., works lb. .0490 - —
Vermilion, Amer., bbls lb. .32 - —
Quicksilver, cins lb. 2.27 - —
Red Precipitate, NF, powd., fib, dms lb. 2.17 - 2.19
Red saunders wood, powd., bbls lb. .50 - —
Rennin, NF lb. 6.50 - —

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Resorcinol—Sodium Fluoride

Resorcinol, resin grade, dms., c.l., works lb. .71 - —
l.c.l., works lb. .72 - —
tech., dms., c.l., works lb. .74 - —
l.c.l., works lb. .75 - —
USP, cryst., dms., works lb. 2.50 - —
powd., dms., works lb. 2.70 - —
Monoacetate, NF, dms lb. 3.25 - 3.45
Rhatany root, bgs lb. .15 - .16
Rhubarb root, whole, cs lb. 1.25 - 1.30
powd., bbls lb. 1.40 - 1.45
Riboflavin, USP, bots., dlvd kilo. 125.00 - —
Readily soluble, bots., dlvd kilo. 125.00 - —
Rice bran concentrate, dms., Cedartown, Ga lb. 79 - —
Rochelle salt, USP, gran., powd., dms., 5,000 lbs. lb. .27½- —
smaller lots .28 - .33
Rose flowers, pale, bls lb. .35 - .40
Rosemary flowers, bls lb. 1.55 - 1.65
Leaves, French, bls lb. .12 - .17
Portuguese, bls lb. .07¼- .07½
Spanish, bls lb. .07½- .07¾
Rosin gum (see Naval Stores, Protective Coatings market).
Wood, B, dms., c.l., works 100 lbs. 5.30 - —
FF, dms., c.l., works 100 lbs. 5.30 - —
G, H, I, dms., c.l., works 100 lbs. 5.90 - —
K, dms., c.l., works 100 lbs. 5.90 - —
M, dms., c.l., works 100 lbs. 5.90 - —
N, dms., c.l., works 100 lbs. 5.95 - —
WG, dms., c.l., works 100 lbs. 6.10 - —
WW, dms., c.l., works 100 lbs. 6.25 - —
X, dms., c.l., works 100 lbs. 6.35 - —
Rotenone, CP, bbls., works lb. 20.00 - —
tech., works lb. 16.50 - —
Rottenstone, bgs., c.l., mines ton. 36.00 - —
l.c.l., mines ton. 43.00 - —
Ryania, 100% powd., bgs., works lb. .20 - —
Rue herb, bls lb. .35 - .40
Rutin, 10 kilos, fib, dms gram. .03½- .04½
smaller lots, fib, dms gram. .04 - .05

S

Sabadilla seed, powd., bbls lb. .60 - —
activated ground with lime, bbls lb. .35 - .38
Saccharin, USP, gran., soluble, 1,000 lbs. lb. 1.50 - —
smaller lots lb. 1.60 - 1.70
powd., soluble insoluble, dms., 1,000-lb. lots lb. 1.55 - —
smaller lots lb. 1.65 - 1.85
Safflower, Egyptian, bls lb. .75 - .80
Saffron, Mexican, bls lb. .95 - 1.00
Spanish, USP, tins lb. 17.00 - 18.00
Safrol, dms. lb. .85 - .90
Sage, Cyprus, bales lb. .12 - .13
Dalmatian, bls lb. 1.20 - 1.25
Greek, fancy, bls lb. .34 - .35
Spanish, bls lb. .11 - .11½
Sago flour, bgs lb. .05½- .05¾
Saligenin, ctns lb. 14.00 - 25.00
Salol, NF, gran., bbls., kgs lb. 1.00 - —
fib, dms lb. 1.02 - 1.03
powdered salol, 10c. higher.
Salt, rock, burlap bgs., c.l. 100 lbs. .98 - —
l.c.l. 100 lbs. 1.19 - 1.23
paper bgs., c.l. 100 lbs. .88 - —
l.c.l. 100 lbs. 1.09 - 1.13
Table, vacuum, common, fine, bgs., c.l., works 100 lbs. .93 - 1.08
l.c.l., dlvd. 100 lbs. 1.20 - 1.32
Saltcake, dom., bulk, dlvd, 100% Na_2SO_4 basis ton. 22.00 - —
Saltpeter, cryst., bbls., 10 tons, 100 lbs. 13.90 - —
smaller lots 100 lbs. 14.15 - 14.40
Saltpeter, gran., bbls., 20 tons, 100 lbs. 9.25 - —
smaller lots 100 lbs. 10.30 - 11.00
powd., bbls., 20 tons 100 lbs. 10.25 - —
smaller lots 100 lbs. 11.50 - 12.00
NF, gran., dms lb. .15¾- .17¾
Saltpeter in bags, 25c. per 100 lbs. less than in barrels; in kegs, $1 more.
Sandalwood chips, East Indies, bgs., lb. .65 - .66
powd., dms. lb. .75 - .76
Sanguinarine nitrate, bots oz. 4.75 - 5.50
Santonin, NF, cryst., powd., cns. kilo. No stocks.
Saponin No. 1, cns lb. 2.45 - —
Sarsaparilla root, dom., bls lb. .30 - .40
Honduras, bls. lb. .40 - .45
Mexican, bls. lb. .28 - .30
Sassafras bark, ord., bls lb. .35 - .40
select, bls lb. .50 - .55
Savory, French, bls lb. .13½- .14
Spanish, bls lb. .12 - .12½
Saw palmetto berries, bgs. lb. .23 - .24
Scammony resin, lump, cns lb. 1.95 - 2.20
powd., cns. lb. 2.05 - 2.30
Root, bgs lb. .11 - .14
Schaeffer's salt, bgs. lb .60 - .67
Scopolamine hydrobromide, bots oz. 20.50 - 24.50
Hydrochloride, bots oz 84.00 - —
Seidlitz mixture, bbls., 5,000 lbs lb. .25¾- —
smaller lots lb. .26¼- —
dms., 100 lbs. or less lb. .27¼- .31¼
Selenium, powd., cns., 10-lb. lots lb. 2.10 - —
cs., 1,000-lb lots lb. 2.00 - —
Senega root, bls lb. 1.55 - 1.65
Senna leaf, Alex., half-leaf, bls lb. .22 - .24
sifting, bgs lb. .19 - .21
Tinnevelly, No. 1, bls lb. .17 - .24
No. 2, bls lb. .14 - .19
No. 3, bls lb. .10 - .11
Pods, bls lb. .12 - .15
powdered, bls., bxs. lb. .16 .22
Serpentaria root, bls lb. 2.20 Nom.
Sesame seed, Chinese, white, nat., bgs lb. .11 - .11½
hulled, bgs lb. .18 - .18½
Nicaragua, hulled lb. .21 - .24
natural, bgs. lb. .12 - .12¼
Salvadorean lb. .12½- .13
Shellac, bleached, bonedry, bgs., 1,500-lb. lots lb. .52½- —
bbls., 1,500-lb. lots lb. .53 - —
kgs., 1,500-lb. lots lb. .55 - —
refined, bgs., 1,500-lb. lots lb. .62½- —
bbls., 1,500-lb. lots lb. .63 - —
kgs., 1,500-lb. lots lb. .65 - —
bonedry shellac prices for less than 1,500 lbs., 1c. per lb. higher for all packages.
Lemon, No. 1, bgs lb. .43 - .45
No. 2, bgs lb. .41 - .43
Superfine, bgs., 10 bgs lb. .37 - .38
TN, bgs., 10 bgs lb. .35 - .37
Shellac in 1 to 9 bgs., 1c. more.
Silica amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works ton. 20.00 - 30.00
l.c.l., works ton. 25.00 - 40.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works ton. 20.00 - —
l.c.l., works ton. 25.00 - —
99½%, 140 mesh, bgs., c.l., works ton. 12.00 - —
l.c.l., works ton. 17.00 - —
Tetrachloride, tech., dms., c.l., works lb. .14½- —
l.c.l., works lb. .18½- .20¼
Silver bullion, ingots, cs oz. .71¾- —
Cyanide, fib, dms., 2,500-oz. lots, oz. .65¾- —
1,000-oz. lots oz. .65⅞- —
500-oz. lots oz. .66⅛- —
100-oz. lots oz. .66⅜- —
Nitrate, CP, cryst., bots., 2,500-oz. lots oz. .45⅞- —
1,000-oz lots oz. .47⅛- —
500-oz. lots oz. .47⅜- —
250-oz. lots oz. .48⅛- —
USP granular silver nitrate, 4c. per oz. higher
Proteinate, mild, USP, bots., dms., 1,000-oz. lots oz. .95 - —
strong, NF, bots., dms., 1,000-oz. lots oz. .90 - —
Simaruba bark, bls. lb. .85 Nom.
Skullcap herb, Eastern, bls lb. .60 - .65
Western, bls lb. .30 - .35
Skunk cabbage root, bls lb. .30 - .35
Slate flour, bgs., c.l., works ton. 11.00 - 12.00
l.c.l., ex whse ton. 20.00 - 60.00
Sloe berries, bgs lb. .32 - .35
Smalt, black, ctns lb. .11½- —
Blue, ctns. lb. .15½- —
Snakeroot, Canada, bls lb. .40 - .45
Soapbark, bls lb. .22 - .23
crushed, bls., bbls lb. .24 - .25
cut, foreign, bbls lb. .25 - .26
powd., bbls. lb. .29 - .30
Soda ash, dense, 58%, paper bgs., c.l., works 100 lbs. 1.35 - —
l.c.l., stock points 100 lbs. 2.75 - 4.52
bbls., c.l., works 100 lbs. 2.00 - —
l.c.l., stock points 100 lbs. 3.25 - 5.02
bulk, c.l., works 100 lbs. 1.10 - —
light, 58%, paper bgs., c.l., works 100 lbs. 1.25 - —
l.c.l., stock points 100 lbs. 2.65 - 4.42
bbls., c.l., works 100 lbs. 1.90 - —
l.c.l., stock points 100 lbs. 3.15 - 4.92
bulk, c.l., works 100 lbs. 1.00 - —
Caustic, flake, powd., 76%, dms., c.l., works 100 lbs. 3.45 - —
l.c.l. stock points 100 lbs. 4.80 - 6.67
liquid, 50%, sellers' tanks, works, dry basis 100 lbs. 2.40 - —
rayon-type, tanks, works, dry basis 100 lbs. 2.40 - 2.50
70%, sellers' tanks, works, dry basis 100 lbs. 2.50 - —
rayon-type, tanks, works, dry basis 100 lbs. 2.60 - —
solid, 76%, dms., c.l., works 100 lbs. 3.05 - —
l.c.l., stock points 100 lbs. 4.40 - 6.27
Sal, bgs., c.l., ex car 100 lbs. 1.58 - —
l.c.l., bgs., ex whse 100 lbs. 1.78 - —
Soda-lime, USP dms lb. .23 - .25
Sodium acetate, anhyd., dms., works lb. .10 - .11¼
NF, cryst., bbls., works lb. .16 - —
powder, bbls., works lb. .08 - .09
Alginate, refined, water soluble, bbls., works lb. .79 - —
semi-refined, bbls., works lb. .46 - —
NF, white, powd., dms., works, ton lots lb. 1.25 - —
smaller lots lb. 1.30 - 1.65
Aluminate, 20,000 lbs. or more, bgs 100 lbs. 8.50 - —
under 20,000 lbs., works 100 lbs. 9.50 - —
Antimoniate, bbls., c.l., dlvd. E. lb. .23¼- —
l.c.l., dlvd. lb. .24¼- —
Arsenate, dealers, dms., c.l., works, lb. .12 - —
Arsenite, dealers, dms., works lb. .13¼- .14¼
solution, dms., works gal. .60 - 1.00
Benzoate, tech., bbls., dms., 100 lbs. or more lb. .39 - —
USP, bbls., dms., 100 lbs. or more lb. .46 - —
Bicarbonate, USP, gran., bgs., c.l., works 100 lbs. 2.35 - —
l.c.l., works 100 lbs. 3.00 - —
powd., bgs., c.l., works 100 lbs. 1.95 - —
l.c.l., works 100 lbs. 2.60 - —
Bichromate, bgs., works lb. .09¾- .10¾
Sodium bichromate, in drums, ¾c. higher.
Bifluoride, bbls., c.l., works, frt. equald. lb. .13¼- —
l.c.l., same basis lb. .13⅞- —
Bisulphate, bulk, c.l., works 100 lbs. 1.75 - —
dms., c.l., works 100 lbs. 2.40 - —
l.c.l., works 100 lbs. 2.90 - —
Bisulphite, powd., bags, c.l., works 100 lbs. 3.75 - —
l.c.l., works 100 lbs. 4.00 - —
solut. 35°, bbls., c.l., works 100 lbs. 1.10 - —
l.c.l., works 100 lbs. 1.50 - —
Borate (see Borax).
Bromide, USP, bbls., kgs., works, lb. .33 - .34
Cacodylate, NF, jars, dms lb. 7.00 - 8.00
Carbonate (see Soda ash, Soda sal, Sodium monohydrate).
USP monohydrate, gran., dms., lb. .05¾- .06¼
Chlorate, cryst., dms., c.l., works, lb. .08 - —
l.c.l., works lb. .08¼- —
powd., kgs., works lb. .09½- —
Chloride, tech. (see Salt).
USP, dms lb. .21 - —
Chlorite, tech., dms., works lb. .75 - —
Chloroacetate, tech., dms., c.l., works lb. .20 - —
l.c.l., dms., works lb. .21 - .22
Chromate, dms., works lb. .11½- .12½
Citrate, anhyd, dms. lb. .60 - .65
USP VIII, dms lb. .21½- .26½
USP XIII, gran., dms lb. .28 - .28½
Sodium citrate, USP XIII, powd., prices ½c. higher.
Cyanate, dms., 1,000 lbs., works, lb. 1.10 - —
smaller lots, works lb. 1.25 - —
Cyanide, 96-98%, dms. lb. .16 - .18
Diacetate, 33-35% acidity, bbls., works lb. .11½- .12½
anhydrous, dms., works lb. .14 - .15½
Fluoride, white, 90%, bbls., c.l., works lb. .10½- —
l.c.l., works lb. .10¾- .11
95%, bbls., c.l., works lb. .10¾- —
l.c.l., works lb. .11 - —

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NATURAL PRODUCTS REFINING COMPANY
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Sodium fluoracetate, monobasic, 8-oz. tins, 50 to a case, works..lb.12.00 - —
2 to 25 tins to case, works..lb.12.00 -16.50
1 oz. tins, 16 to 64 to a case, works..lb.16.50 -21.00
tribasic, ton lots.....lb.11.00 - —
Formate, bgs., c.l., dlvd....100 lbs. 7.10 - —
l.c.l. .....100 lbs. 8.15 - —
Gluconate, dms. ..... lb. .83 - .85
Glutamate, monobasic, dms., c.l., dlvd...lb. 1.53 - —
smaller quantities, dlvd...lb. 1.54 - 1.56
Glycerophosphate, NF, flake, bbls. lb. 1.65 - 1.80
powder, bbls. .....lb. 1.70 - 1.85
solution, 75%, cbys.....lb. .96 - 1.06
Hydride, dms., works.....lb. 2.00 - 3.00
Hydrosulphide (see Sodium, sulphydrate).
Hydrosulphite dms., c.l., frt. alld. lb. .21 - —
l.c.l., frt. alld.....lb. .21½- .23½
Hydroxide, tech. (see Soda, caustic).
USP, pellets, dms lb .25 —
Hypophosphite, NF, ton lots and less, dms..lb. .85 - .88
Hyposulphite, tech., cryst., bgs., c.l., works, frt. equald.. 100 lbs. 3.50 - —
l.c.l., same basis.....100 lbs. 3.90 - —
pea cryst., bgs., metro area.. 100 lbs. 3.75 - —
Soda, hyposulphite, crystals in bbls., 40c higher; pea crystals, dms., 50c. higher
USP (see Sodium thiosulphate).

Iodide, USP, bots., dms.....lb. 2.47 - 2.59
Lactate, edible, 50%, dms., cbys., works..lb. .19 - —
60%, dms., cbys., works...lb. .24 - —
tech., 50%, dms., cbys., works. lb. .13 - .14
Metaborate, octa-hydrate, gran., bgs., c.l., works..ton.73.00 - —
l.c.l., works .....ton.118 00 -123.00
tetrahydrate, c.l., bbls., works. ton.184.50 —
Sodium metaborate in bbls., $20 per ton higher
Metal, tanks, works .....lb. .16 - —
bricks, dms., works.....lb. .17 - .18
Metanilate, bgs. .....lb. 57 - —
Metasilicate, anhyd., dms., c.l. 100 lbs. 4.25 - —
l.c.l., dms., works....100 lbs. 5.75 - —
pentahydrate, bgs., c.l., works. 100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 4.60 - —
bbls., c.l., works..100 lbs. 3.65 - —
l.c.l., bbls., works..100 lbs. 5.00 - —
Molybdate, annyd., works.....lb. .54 - —
Monohydrate, bgs., c.l., works 100 lbs. 2.00 - —
l.c.l., works .... 100 lbs. 2.45 - —
Naphthionate, bbls..... lb. 60 .65
Nitrate, crude, dom., bgs., c.l., works..ton.48.50 - —
bulk, c.l., works .....lb.45.00 - —
imp., 100-lb. bgs., c.l., Atl Gulf, Pac. whse..ton.51.50 - —
bulk, c.l., same basis...ton.48.00 - —
USP, dms.....lb. .21 - —
Nitrite, 90%, bbls., c.l., works, frt. equald..lb. .06¾- —
West coast ports 100 lbs. 8.00 - 8.05
l.c.l., dlvd .....100 lbs. 8.90 -11.00
Orthosilicate, anhyd., dms., c.l., works..100 lbs. 5.25 - —
l.c.l., same basis.....100 lbs. 5.55 - 7.10
hydrated, flake, bbls., c.l., works. 100 lbs. 4.25 - —
l.c.l., works. 100 lbs. 5.50 - 5.75
Oxalate, neut., bgs., works.... lb. .09½- —
Para-aminobenzoate, dms., 1,000 lbs. or more..lb. 3.50 - —
smaller lots .....lb. 3.65 - —
Para-aminosalicylate, dms., 1,000 lbs. or more..lb. 6.00 - —
smaller lots.....lb. 6.05 - 7.00
Pentachlorophenate, briquets, bgs., c.l., works, frt. equald..lb. .21½- —
l.c.l., same basis .....lb. .22½- .24
pellets, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis .....lb. .22 - .24
powd., bgs., c.l., same basis..lb. .20 - —
l.c.l., same basis.....lb. .21 - .23
Truckloads of pentachlorophenate of 20,000 lbs. min. available at ¼c. per lb. over carlot prices.

Perborate, USP, tech., bbls., c.l., works..lb. .18¾- —
l.c.l., works .....lb 19¼- —
Peroxide, dms., c.l., dlvd. E. of Miss..lb. .18 - —
l.c.l., same basis.....lb. .18½- .19
Phenolsulphonate, USP IX, gran., dms..lb. .38 - .39
powd., dms. .....lb. .41 - .42
Phosphate, dibasic, anhydr, bgs., c.l., works..10C lbs. 6.75 - 7.00
l.c.l., works.....100 lbs. 7.25 7.50
cryst., bgs., c.l., works. 100 lbs. 3.35 3.60
l.c.l., works.....100 lbs. 3.75 4.00
USP, dried, powd., dms., works..lb. .20 .20½
monobasic, anhyd., bgs., c.l., works..100 lbs.10.00 - —
l.c.l., works ..... 100 lbs.12.85 - —
tribasic, cryst., bgs., c.l., wks., frt. equald..100 lbs. 3.75 - —
l.c.l., same basis..100 lbs. 4.25 - —
Sodium phosphates in bbls., 40c. higher than bgs.
USP (see Sodium phosphate dibasic).

Prussiate, yellow, bgs..... lb. .12½- —
Pyrophosphate, acid, bgs., c.l., works, frt. equald..100 lbs.10.50 - —
ferric, dms., 1,500 lbs., works. lb. .30 - —
smaller lots, works . lb. .31 - —
tetrabasic, anhyd., bgs., c.l., works, frt. equald 100 lbs. 6.90 - —
l.c.l., frt. equald..100 lbs. 7.40 - —
Ricinoleate, tech., bbls..... lb. No stocks
Salicylate, USP, dms.....lb. .59 - .62
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.95 - —
l.c.l., dlvd. zone 1.....100 lbs. 3.70 - 4.10
zone 2.....100 lbs. 3.96 4.36
zone 3.....100 lbs. 4.25 4.65
zone 4.....100 lbs. 4.96 5.35
Sales zones are: (1) All States E. of Miss R. and N. of south bound of Ky. and Va.; Ala., La., and Miss., south of 31° Tex., E. of 100°; S. of 31° Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark. E. of 98° Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb., E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La. and Miss. No. of 31°; (3) Ark. W. of 96°, Kan., Neb., W. of 98°; N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

bbls., c.l., works ..... 100 lbs. 2.45 - —
Sesquisilicate, bbls., c.l., works. 100 lbs. 4.15 - —
l.c.l. dlvd 100 lbs. 5.40 5.65
Silicate, 40°, turbid., dms., c.l., works..100 lbs. 1.05 - —
l.c.l., works.....100 lbs. 1.25 - 1.35
tanks works..... ton.16.00 -17.00
52°, turbid, dms., c.l., works .. 100 lbs. 1.80 - —
l.c.l., works.....100 lbs. 2.05 - 2.15
tanks, works.....ton.32.00 - —

Sodium silicofluoride, bbls., c.l., works..lb. .04½- —
l.c.l., works .....lb. .049 - —
Stannate, dms., works, frt. alld. E. lb. .486 - .503
Sodium stearate, USP, anhyd., bbls., works..lb. .51 - .56
Sulphanilate, bbls., works.....lb. .22 - —
Sulphate, NF VII dried, gran., dms..lb. .20 - .23
tech., anhyd., bgs., c.l., works. 100 lbs. 2.00 - —
l.c.l., works .... 100 lbs. 2.35 2.60
cryst. (see Glauber's salt).
USP, cryst., bbls .....lb. .17 - .19
gran., bbls. .....lb. .15½- .17½
Sulphide, flake, bbls., c.l., works. frt. equald 100 lbs. 4.50 - —
l.c.l., same basis ..100 lbs. 5.00 - 5.25
fused, bbls., c.l., works, frt. equald 100 lbs. 4.00 - —
l.c.l., same basis 100 lbs. 4.50 - 4.75
Sulphite, anhyd., by-product, powd., bgs., c.l., frt. equald .... 100 lbs. 2.50 - 2.75
l.c.l., same basis 100 lbs. 3.25 - 3.75
regular, powd., bbls., c.l., works..100 lbs. 6.50 - —
l.c.l., same basis 100 lbs. 7.00 - —
crystals, bgs., c.l., works..100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 4.00 - —
bbls., c.l., works.....100 lbs. 4.00 - —
l.c.l., works .....100 lbs. 4.40 —
Sulphocyanide, CP (see Sodium thiocyanate).
Sulphoricinoleate, bbls. .....lb. .51 - .61
Sulphydrate, flake, 70-72%, dms., c.l..lb. .05¾- —
l.c.l., works .....lb. .06¼- —
fluid, 45%, basis 100%, tanks, works .lb .90.00 - —
Thiocyanate, CP, dms.....lb. .55 - .65
tech., dms., works.....lb. .30 —

Sodium thiosulphate, tech. (see Sodium hyposulphite), USP, cryst..bbls. .lb. .10 - .12
Titanate, ctns., c.l., works.....lb. .10 - —
5 tons, works.....lb. .10¼- —
1 ton or less, works.....lb. .10½- .11
Trichloroacetate, dms. .....lb. .46 - .53
Tripolyphosphate, bgs., c.l., works, frt. equald..100 lbs. 7.23 - —
l.c.l., same basis...100 lbs. 7.65 - —
Tungstate, tech., kgs., dlvd., East. lb. 1.10 - —
Sodium-ammonium phosphate, bbls., works, frt. equald lb. .23 - —
Sodium-carboxymethylcellulose—See CMC.
Sodium-Cinchophen (see Cinchophen-sodium).
Sodium-formaldehyde, sulfoxylate, dlvd., dms..lb. .22 - .22½
Sodium-sulpha drugs (see Sulpha name).
Sodium-titanium fluoride, fib, dms., c.l., works..lb. .16½- —
l.c.l., works .... lb. .17½- .20
Sodium-zirconyl sulphate, fiber dms., 1,000 lbs. or more, works... lb. .28 - —
less 1,000 lbs.. same basis .lb. .30 - —
Solvent naphtha, coal tar tanks, works gal. .23 - .3235
high-flash, tanks, works gal. .25 - .3235
Petroleum, 100° F., flash, tanks, Baytown, Tex. gal. .25 - —
150°F, flash, tanks, same basis gal. .25 - —
Sorbitol, cryst., pellets, dms., c.l., works lb .30 - —
ton lots to 5 tons, works. lb. .32 - .33
powd., dms., ton lots to 5 tons, works..lb. .38 - .39

Sodium Fluoracetate—Star Root

Sorbitol solution, commercial, aqueous, dms., c.l., works..lb. .22¼- —
ton lots, works.....lb. .23¼- —
less ton lots, works.....lb. .24 - —
tanks, works .....lb. .21½- —
regular, 70%, aqueous, dms., c.l., works..lb. .16¼- —
ton lots, works.....lb. .17 - —
less ton lots, works..lb. .17½- —
tanks, works .....lb. .15½- —
Soybean meal, 41% bulk, Decatur ton.60.00 - —
50%, same basis.....ton.70.25 - —
protein, chemically isolated, 40,000 lbs., works..lb. .20 - —
20,000 lbs., works.....lb. .20¼- —
smaller lots, works .....lb. .20½- .24
mechanically refined, bgs., 40,000 lbs., works..lb. .0575- —
20,000 lbs., works .....lb. .0590- —
smaller lots, works.....lb. .0605- —
Sparteine sulphate, cns.....oz. .85 - 1.25
Spearmint leaves, bls.....lb. .52 - .53
Spikenard root, bls. .....lb. .40 45
Spruce extract, liq., reg., tanks, works lb. .01¾- —
powd., super, bgs., c.l., works. lb. .05¼ —
Squaw vine, leaves, bls.... lb. .33 - 38
Squill, red, fortified, powd., bbls. boxes..lb. 1.50 - 1.60
White, bls. .....lb. .11 - .13
powd., bbls.. bxs.....lb. .16 - .18
St. Ignatius beans, bgs.....lb. No stocks.
St. John's bread, edible, bls.....lb. .13 - .18
Stainless steel flake, dry, dms., works lb. 1.50 - —
paste, dms., works .....lb. 1.25 - —
Stannous chloride (see Tin chloride, stannous).
Star root (see Helonias root).

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Supplying chemicals to American industry means more than meeting specifications at a price.

With Solvay . . . it means prompt, *dependable* delivery from coast-to-coast warehouse stocks . . . a continuing supply from five big plants situated in America's industrial centers.

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Ortho-dichlorobenzene • Monochlorobenzene • Methanol • Ammonium Chloride • Formaldehyde

Stargrass Root—Titanium Tetrachloride

Stargrass root (see Aletris root).
Starch, corn, pearl, paper bgs., c.l., 100 lbs. 5.52 • —
Chicago ..... 100 lbs. 4.87 • —
l.c.l. ..... 100 lbs. 5.67 • —
powd., paper bgs., c.l. ..... 100 lbs. 5.63 • —
Chicago ..... 100 lbs. 4.78 • —
l.c.l. ..... 100 lbs. 5.78 • —
Prices for corn starch in cotton bags, 12c. to 15c. per 100 lbs. higher.
Potato, Idaho, bgs., c.l., works .lb. .05 • —
l.c.l., spot .lb. .07¼ • —
Maine, bgs., c.l., works .lb. .05 • —
l.c.l., spot .lb. .07 • —
Rice, bgs .lb. .12½ • —
Sweetpotato, bgs., c.l. .lb. No stocks.
Wheat, bgs. .lb. .0606- .0656
Stavesacre seed, bgs. .lb. .60 • .61
Stearin, oleo (see Oleostearin).
Stillingia root, bls. .lb. .35 • .38
Stoneroot, bls. .lb. .07½- .08
Storax, USP, cs. .lb. 1.50 • 1.60
Stramonium leaves, bgs. .lb. .19 • .20
Seed, bgs. .lb. .20 • .21
Streptomycin, hospitals, vials .gram. .60 • —
wholesalers, vials .gram. .48 • —
Strontium bromide, NF, cns., dms., lb. .62 • —
Carbonate, 90%, dms. .lb. .15½- .16½
Chloride, tech., bbls. .lb. .22 • .24
Chromate, bbls., works .lb. .50 • —
Iodide, jars, 25 lbs. .lb. 3.60 • —
Nitrate, bbls., c.l., works .lb. .09¼ • —
l.c.l., works .lb. .10¼ • —
Oxalate, bbls., works .lb. .42 • .44
Salicylate, NF, dms. .lb. 1.25 • 1.32
Sulphate, air-floated, 90% 325 mesh, bgs., works .ton.56.70 -66.15
Strontium-calcium sulphide, phosphorescent, dms., works .lb. 2.50 • 2.85
Strophanthin, NF, bots. .oz.39.00 • —
Strophanthus seed, Kombe, bgs. .lb. 3.00 • 3.25
Strychnine, NF, powd., cns., 100 ozs. oz. 1.25 • —
Phosphate, NF, 100 ozs. .oz. 1.14 • —
Sulphate, USP, powd., cns., 100 ozs. .oz. 1.00 • —
Styrene, monomer, tanks, works .lb. .15 • —
Styrolyl acetate, bots. .lb. 3.50 • 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works .lb. .60 • —
tech., bbls., l.c.l., works .lb. .58 • —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphabenzamide, dms. .lb. 4.25 • 4.60
Sulphabenzamide-sodium, dms. .lb. 4.25 • 4.60
Sulphadiazin, USP, crystals, free flowing, dms. .lb.11.25 -11.75
microcrystals, 99%, not over 10 microns, dms. .lb.10.50 -11.00
powder .lb.10.25 -10.75
Sulphadiazin-sodium, USP, granules, free flowing, dms. .lb.12.25 -12.75
powder .lb.11.25 -11.75
Sulphaguanidin, USP, dms. .lb. 4.50 • 5.00
Sulphamerazin, USP, micro crystals, 99.9%, not over 10 microns, dms. .lb.10.55 -11.05
powder, dms. .lb.10.25 -10.75
Sulphamerazin-sodium, USP, dms., lb.11.25 -11.75
Sulphamethazine, micro crystals, lb. 8.80 • 9.30
powder .lb. 8.50 • 9.00
Sulphanilamide, USP, crystals, free flowing .lb. 1.40 • 1.60
microcrystals .lb. 1.55 • 1.75
powder .lb. 1.30 • 1.50
Sulphanilamidoquinoxaline, veterinary, dms. .lb. 9.00 • 9.25
Sulphapyridin, NF, powd., bots., tins, lb. 7.00 • 7.50
Sulphapyridin-sodium, powd., bots., dms. .lb. 7.50 • 8.00
Sulphathiazole, USP, crystals, free flowing .lb. 3.50 • 4.00
micro crystals, 99.9%, not over 10 microns, dms. .lb. 3.25 • 3.55
powder, dms. .lb. 3.00 • 3.30
Sulphathiazole-sodium, USP, dms., lb. 3.00 • 3.30
Sulphur, com'l, rubbermakers, bgs., c.l., works .100 lbs. 1.75 • —
l.c.l., works .100 lbs. 2.10 • 2.45
crude, c.l., bulk, mines, contract, long ton.18.00 • —
f.o.b. ship for domestic and Canada .long ton.19.50 • —
flour, com'l, 90½%, bgs., c.l., works .100 lbs. 1.60 • —
l.c.l., works .100 lbs. 1.95 • 2.30
precipitated, USP, bbls., kgs .lb. .27 • .29
refined, flour, light refined, USP, bgs., c.l., works .100 lbs. 3.00 • —
l.c.l., works .100 lbs. 3.35 • 3.70
heavy, bgs., c.l., works .100 lbs. 2.80 • —
l.c.l., works .100 lbs. 3.15 • 3.50
flowers, USP, bgs., c.l., works .100 lbs. 3.85 • —
l.c.l., works .100 lbs. 4.20 • 4.60
Sulphur flowers in bbls., 75c. higher.
rock, bgs., c.l., works .100 lbs. 2.40 • —
l.c.l., works .100 lbs. 2.75 • 3.10
rolls, bgs., c.l., works .100 lbs. 2.70 • —
l.c.l., works .100 lbs. 3.05 • 3.70
rubbermakers' bgs., c.l., works, 100 lbs. 2.35 • —
l.c.l., bgs., works .100 lbs. 2.70 • 3.05
Chloride, 55-gal. dms., c.l., works, lb. .03¼- —
l.c.l., works .lb. .04¼- —
10-gal. dms., l.c.l., works .lb. .08¼- —
Dioxide, liquid, com'l, cyls., works .lb. .09 • —
multi-unit cars, works .lb. .0535- —
dlvd .lb. .18 • —
tanks, works .lb. .045 • —
refrigeration, cyls., l.c.l.,
Sumac bark, 28%, grd., bgs., ex dock .ton.65.00 -66.00
Extract, No. 1, bbls., 25% .lb. .10½- —
No. 2, bbls., 25% .lb. .09 • —
crystals, bbls. .lb. .40 • —
stainless, bbls. .lb. .14½- —
Leaf, 28% grd., bgs., ex-dock, ton.67.00 -68.00
Superphosphate run-of-pile, under 22% a.p.a. pulv., bulk, Balto. .unit-ton. .76 • —
Carteret, N. J. .unit-ton. .73 • —
triple, 48% or more, a.p.a., pulv., bulk, East Tampa, Fla. unit-ton. .80 • —
prices on 48% triple superphosphate in other states and D. C. are per unit-ton plus frt. charges from E. Tampa, Fla. Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, imported, bls. .lb. .95 • 1.00

T

Talc, dom., ordinary, grd., Calif., bgs., c.l., works .ton.25.00 -35.00
Vermont, bgs., c.l., works .ton.14.00 • —
l.c.l., works .ton.17.50 • —
fibrous, New York, off-color, grd., bgs., c.l., works .ton.24.00 • —
l.c.l. .ton.26.50 -28.00
98.5-99.5%, 325 mesh, bgs., c.l., works .ton.23.00 -28.00
l.c.l., works .ton.25.00 -32.00
imp., Canada, grd., bgs., c.l., mines ton.12.50 -35.00
Tallow, inedible, extra, loose, c.l., dlvd .lb. .06½- —
fancy, loose, same basis .lb. .06⅜- —
special, loose, same basis .lb. .06½- —
sulphonated, 25%, dms. .lb. .06 • .06⅛
50%, dms. .lb. .08½- .09
Tamarind, W. I., bbls .lb. .10 • .15
kegs .keg.10.00 • —
Tankage, animal, feeding, 9-11% ammon., bulk .unit-ton. 7.50 • —
Chicago .unit-ton. 8.50 • —
fertilizer, 9% ammon., 10% b.p.l., Chicago .unit-ton. No stocks.
10-11% ammon., 15% b.p.l., bulk .unit-ton. No stocks.
Tansy leaves, bls. .lb. .24 • .30
Tapioca flour, high grade, bgs. .lb. .06 • .06½
medium grades, bgs. .lb. .07¼ • .07½
low grades, bgs. .lb. .06 • .07
Java, bgs. .lb. No stocks.
Tar acid oil, 15-18%, dms., c.l., frt. equald .gal. .41 • —
l.c.l., same basis .gal. .44 • —
tanks, same basis .gal. .33 • —
25-28%, dms., c.l., works .gal. .48 • —
l.c.l., same basis .gal. .51 • —
tanks, same basis .gal. .40 • —
50-53%, dms., c.l., same basis, gal. .60 • —
l.c.l., same basis .gal. .63 • —
tanks, same basis .gal. .52 • —
Tar, coal (see Coaltar).
Pine (see Pinetar).
Tara pods, bgs., c.l., ex dock U. S. ports .long ton. No prices.
powd., bgs., c.l., same basis, long ton.225.00 Nom.
Tarragon herb, bgs .lb. .45 • .50
Leaves, bgs .lb. .75 • .80
Tartar emetic, tech., gran. or powd., bbls., kgs. .lb. .46 • —
dms. .lb. .47 • .51
USP, powd., bbls., dms., kgs. .lb. .51 • .54
Terpin hydrate, com'l, bbls., c.l. .lb. .24½- —
l.c.l. .lb. .25 • .25½
NF, cryst., bbls., dms .lb. .75 • —
powd., bbls., dms .lb. .80 • —
Terpineol, Alpha (see A).
com'l, dms., c.l., South .lb. .13½- —
l.c.l., South .lb. .14 • —
tanks, South .lb. .13 • —
prime, dms .lb. .33 • .60
Terpinglycol ether, dms., c.l., works, lb. .19½- —
l.c.l., works .lb. .20 • —
tanks, works .lb. .19 • —
Terpinyl acetate, extra, cns., dms .lb. .60 • 1.03
prime, cns., dms .lb. .33 • .35
Terra alba (see Gypsum).
Testosterone, USP, 100 gms. .gm. 3.75 • —
Propionate, USP., 100 gms. .gm. 3.75 • —
Tetrachloroethane, dms., works .lb. .08 • .08½
Tetrachloroethylene, USP, 55-gal. dms., works .lb. .20½- .21½
smaller dms., works .lb. .23½- .25
tech. (see Perchloroethylene).
Tetraethyl orthosilicate, dms., works, lb. .70 • —
Pyrophosphate, 40% cns., dms., works .lb. .65 • .70
Tetraethylenepentamine, dms., c.l., works .lb. .51½- —
l.c.l., works .lb. .52 • —
tanks .lb. .50 • —
Tetrapotassium phosphate (see Potassium phosphate).
Tetrasodium pyrophosphate (see Sodium pyrophosphate).
Thallium metal, dlvd .lb.12.50 -15.00
sulphate, 99%, bots., dlvd .lb.10.50 -13.00
Theobromine, fib. dms .lb. 4.50 • 4.55
Salicylate, fib. dms .lb. 4.00 • 4.05
with sodium acetate, USP, dms, lb. 3.65 • 3.70
Sodio-salicylate, fib. dms .lb. 2.90 • 2.95
Theophylline, USP, 100-lb. dms. .lb. 5.50 • —
Thiamine hydrochloride, USP, bots., 100 grams kilo.160.00 • —
Mononitrate, bots., 100 grams kilo.160.00 • —
Thiocarbanilide, dms. .lb. .34 • .35
Thiodiphenylamine (see Phenothiazine)
Thiouracil, dms., works .lb. 5.50 • 5.60
Thiourea, tech., dms., c.l., works .lb. .42 • —
l.c.l., works .lb. .44 • —
Thorium nitrate, cs., works .lb. 3.50 • —
Threonine, dextro-laevo, 100 grams 115.00 • —
Thyme, French, bgs .lb. .15½- .16
Spanish, bls .lb. .09 • .09½
Thymol, USP, kgs .lb. 3.50 • —
Iodide, NF, dms .lb. 6.60 • 6.70
Timbo root (see Cube root).
Tin chloride (stannous), anhyd., dms., works .lb. .7091- .7191
Crystals, hydrous, bgs., bbls., works .lb. .58¼- —
Metal .lb. .76½- —
Oxide, bbls. .lb. .83 • .84
Sulphate, stannous, bbls., kgs., works .lb. .8309- .8509
Tetrachloride, anhyd., dms., works .lb. .47½- .48½
Titanium dioxide, anatase, ceramic, bgs., c.l., dlvd .lb. .19½- —
l.c.l., dlvd .lb. .20 • .20½
chalk-resistant, bgs., c.l., dlvd, lb. .19½- —
l.c.l., dlvd .lb. .20 • .20½
plain, bgs., c.l., dlvd .lb. .19½- —
l.c.l., dlvd .lb. .20 • .20½
rutile, natural, granular, bgs., c.l., works .lb. .05 • —
5-ton lots, works .lb. .05¼- —
milled, bgs., c.l., works .lb. .05¼- —
5-ton lots, works .lb. .05½- —
nonchalking, bgs., c.l., dlvd. E, lb. .21½- —
l.c.l., dlvd. E .lb. .22 • .22½
Hydride, cns., works .lb. 7.00 8.00
Pigment, calcium-rutile, base, bgs., c.l., dlvd .lb. .07½- .07¾
l.c.l., dlvd .lb. .08 • .08¼
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast, c.l., dlvd., l.c.l., ex whse. ½c. higher
Tetrachloride, CP, 55 gal. dms .lb. .57 • .58
smaller, pkgs., works .lb. .65 1.22
technical, 5-gal. dms., works .lb. .32 —
smaller pkgs., works .lb. .40 1.00

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Detroit, Mich.....gal. .28 - —
Philadelphia, Pa...gal. .28 - —
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Tonka beans, Angostura, cks....lb. 1.75 - 1.80
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Surinam, cs.....lb. 1.00 - 1.15
Toxaphene, dms., works, c.l.....lb. .20 - —
truckloads, works.....lb. .20 - —
ton to truckloads, works...lb. .23 - —
less than tons, works.....lb. .26 - —
Totaquine, USP, 100-oz. lots.....oz. .42 - —
Triacetin, dms., dlvd.....lb. .35½- —
Tributyl citrate, dms.....lb. .41 - .43
smaller containers.....lb. .46 - .52
Phosphate, dms., c.l., frt. alld...lb. .56½- —
l.c.l.....lb. .57½- —
smaller containers.....lb. .71 - —
Tributylamine, dms., c.l., works lb. .76 - —
l.c.l., works.....lb. .81 - —
Trichlorbenzene, dms., c.l., works, frt. alld. or equald lb. .10 - —
l.c.l.....lb. .11 - —
tanks.....lb. .08½- —
Trichlorethane, dms., c.l., works...lb. .13 - —
l.c.l., works.....lb. .13½- —
tanks, works.....lb. .11½- —
Trichloroethylene, dms., c.l., or truckload, works, frt. equald. lb. .10¼- —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09¾- —
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Zone 2.....lb. .11 - —
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Tricholine citrate, 65% solut., ret., cbys., works, frt. adjusted lb. 2.15 - —
Tricresyl phosphate, coaltar, dms., c.l., dlvd..lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
tanks, dlvd.....lb. .29 - —
petroleum, dms., c.l., dlvd..lb. .30½- —
l.c.l., dlvd.....lb. .31 - —
tanks, dlvd.....lb. .29 - —
Triethanolamine, dms., c.l., frt. alld. E..lb. .23 - —
l.c.l., same basis.....lb. .24 - —
tanks, same basis.....lb. .21½- —
Triethylamine, dms., c.l., works, frt. alld..lb. .31½- —
l.c.l., same basis.....lb. .32½- —
tanks, same basis.....lb. .30 - —
Triethyl citrate, dms.....lb. .34 - .36
smaller containers.....lb. .39 - .45
Phosphate, dms., works, c.l....lb. .38 - —
dms., l.c.l., same basis...lb. .39 - —
tanks, same basis.....lb. .37 - —
Triethyleneglycol, dms., c.l., frt. alld., E..lb. .20½- —
l.c.l., same basis.....lb. .21½- —
tanks, same basis.....lb. .19 - —
Triethylenetetramine, dms., c.l., works..lb. .51½- —
l.c.l., works.....lb. .52 - —
tanks.....lb. .50 - —
Trimethylamine, 25%-40%, dms., c.l., works, frt. equald., basis 100% lb. .38 - —
l.c.l., works, frt. alld., basis 100%..lb. .38½- —
tanks, works, frt. equald., basis 100%..lb. .33 - —
Trimethylhexanol, dms., c.l., works. lb. .29¼- —
l.c.l., works.....lb. .30 - —
tanks, works.....lb. .28 - —
Tripentaerythritol, bgs., l.c.l., works. lb. .36 - —
Triphenyl phosphate, bbls., c.l., frt. equald..lb. .31 - —
l.c.l., frt. equald.....lb. .32 - —
Triphenylguanidine, bbls., works lb. .90 - —
Tripoli, air-floated, bgs., c.l., works, lb. .0175- —
double-grd., bgs., c.l., works...lb. .016 - —
single-grd., bgs., c.l., works...lb. .015 - —
Trisodium fluoroacetate (see sodium fluoroacetate tribasic).
Trisodium phosphate (see Sodium phosphate, tribasic).
Trypsin, 1:25, dms., works.....lb. 2.30 - —
1:50, dms., works.....lb. 4.25 - —
1:75, dms., works.....lb. 5.50 - —
1:100, fib. dms., works.....lb. 5.50 - —
Tryptophane, dextro-laevo, 5b. etns., works..kilo. 207.00 -242.00
Tuba root (see Cube root).
Tungsten metal, powd., 99.9%, dms. works..lb. 4.75 - —
Oxide, kgs., works.....lb. 2.85 - —
Turmeric root, Alleppey, bgs, afloat. lb. .33 - .35½
Haitian, bgs.....lb. No stocks.
Jamaica, bgs., afloat.....lb. .10 - .10½
Madras, bgs.....lb. .17½- .18
Turpentine, gum (see Naval Stores Protective Coatings market).
Sulphate, ret, dms., East.....gal. .23 - —
Turpentine, wood dest.-dist., dms., incl., c.l., works, South gal. .40 - —
l.c.l., same basis.....gal. .41 - —
N. Y. whse.....gal. .47 - —
tanks, works, South.....gal. .27½- —
steam-dist., dms., incl., c.l., works..gal. .50 - —
l.c.l., works, South.....gal. .56 - —
ex whse., NYC.....gal. .64 - —
tanks, works.....gal. .34 - —
Tyrothricin, bots.....gram. 1.00 - 1.10

U

Urethane, USP, dms.....lb. 1.50 - —
Unicorn root, fluve (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs.....lb. 2.55 - —
yellow, kgs.....lb. 1.63 - —

Urea, dom., 46% N, bgs., c.l., wks. lb. .04¼- —
l.c.l., works.....lb. .05 - —
fertilizer compound, 42% N, bulk, c.l., 30 tons, frt. alld. Kan., Neb., N. Dak., Okla., S. Dak., Tex. and east ton. 94.00 - —
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30 tons, frt. allo. Kan., Neb., N. Dak., Okla., S. Dak., Tex., and east ton. 98.00 - —
40 tons, distributors, frt. allo. Colo., Mont., Wyo., and west ton. 107.15 - —
Urea-ammonia liquor, A and B grades, N basis, Belle, W. Va. ton. 125.00 - —
C and D grades, same basis. tcn. 123.50 - —
37 grade, same basis.....ton. 147.50 - —
Uva ursi leaves, bls.....lb. .10 - .14

V

Valerian root, Belgian, NF, bls..lb. .40 - .45
Valine, dextro-laevo, dms., works.lb. 22.50 - 27.50
Valonia beards, bgs., ex dock..ton. No stocks.
Cups, bgs., ex dock.....ton. 32.00 - —
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tech., dms., works..lb. 1.00 - 1.06
Vanilla beans, Bourbon, tins....lb. 4.50 - 5.00
Mexican, cuts, tins.....lb. 6.25 - 6.50
whole, tins.....lb. 7.50 - 7.75
Vanillin, ex eugenol, tins, 25 lbs..lb. 4.00 - —
smaller lots.....lb. 4.05 - —
ex guaicol, tins, 25 lbs.....lb. 3.00 - —
smaller lots.....lb. 3.05 - 3.15
ex lignin, tins, 25-lb. lots.....lb. 3.00 - —
smaller lots, tins.....lb. 3.05 - 3.15
Vinyl acetate, 55-gal. dms., works.lb. .16 - .16½
5-gal. cns., works.....lb. .30 - —
tanks, works.....lb. .15 - —
Butylether, normal, tech., dms., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
tanks, works.....lb. .27 - —
Ether (see Ether, divinyl).
Ethylether, tech., dms., c.l., wks. lb. .28 - —
l.c.l., works.....lb. .30 - —
tanks, works.....lb. .27 - —
Isobutylether, tech., dms., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
tanks, works.....lb. .27 - —
Methylether, cyls., works.....lb. .30 - —
tanks, works.....lb. .27 - —
Cylinders are sold outright, or if shipped against deposit, a free period of 60 days is allowed; and if empties are returned prepaid and in good condition within that period, full refund is made.
Trichloride (see Trichloroethane).
Vinylpyridin, ret. dms., works...lb. 1.50 - —
Viosterol, in alcohol, 1,000,000 D units per gm., bots., lots of 10 billion USP units.. 1,000,000 units. .025 - —
lots of 1 billion USP units. 1,000,000 units. .03 - —
lots of less than 1 billion USP units 1,000,000 units. .035 - —
in neutral vegetable oil, 400,000 or 1,000,000 D units per gm., bots., lots of 10 billion USP units 1,000,000 units. .02 - —
lots of 1 billion USP units. 1,000,000 units. .025 - —
lots of less than 1 billion USP units. 1,000,000 units. .03 - —

Tolu Balsam—Vitamin A, Natural

Vitamin A, natural, 200,000 to 350,000 A units per gm., bots., cns., dms., lots of 500 million units or more..1,000,000 units. .18 - —
lots of less than 500 million units.....
1,000,000 units. .22 - —
351,000 to 450,000 A units per gm., bots., cns., dms., lots of 500 million units or more.....
1,000,000-units. .30 - —
lots of less than 500 million units.....
1,000,000 units. .34 - —
451,000 or more A units per gm., bots, cns., dms., lots of 500 million units or more.....
1,000,000 units. .22 - —
lots of less than 500 million units.....
1,000,000 units. .26 - —
Prices above are based on the USP XIII method of conversion, E x 1894.
Vitamin A, natural, 200,000 to 350,000 A units per gm., bots., cns., dms., lots of 500 million units or more..
1,000,000 units. .21½- —
lots of less than 500 million units.....
1,000,000 units. .24½- —
351,000 to 450,000 A units per gm., bots., cns., dms., lots of 500 million units or more.....
1,000,000 units. .24 - —

—Continued on page 68

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Volume 157 April 17, 1950 Number 16

Penicillin's All-Out Attack

Science will attempt for the first time in history to eradicate venereal disease from an entire nation. The program calls for the injection of penicillin into every one of the 3,500,000 Haitians in every hamlet, hut and hillside hideout over an area of 10,000 square miles.

Spearheaded by the World Health Organization of the United Nations, financed by the United Nations international children's emergency fund and supported by the Haitian government, the vast enterprise will bring into action topflight medical and sanitary experts, municipal officials, newspaper editors, educators, priests—and mobile units of trained technicians riding in jeeps and on horseback.

Nothing like this warfare against disease has ever been known. In addition to the treatment of venereal patients, it is expected that yaws, an infectious skin and bone disease with which 85 percent of the population is afflicted, will also be wiped out.

This mass application of one of the modern drugs recalls the hope recently expressed by the president of the American Drug Manufacturers Association that cooperation between scientists and the national units of the world medical association might well become a great factor in the promotion of world peace through attainment of public health. The operation in Haiti is a magnificent beginning.

Two years will elapse before the completion of the Haitian health campaign, but in the meantime similar operations, though on a lesser scale, will be undertaken in San Domingo and in Indonesia. Afghanistan, too, may be the locale of an attack on malaria and venereal disease. The full development of science's battle for health on a broad international front and an augmentation of available food supplies would go far in tranquillizing many politically nervous nations of the world.

Midsession Scorecard

Indications in Washington are that the senate and house leadership intend to bring the second session of the eighty-first congress to an end on July 31. Now, at the half-way mark, observers are counting up the number of major legislative achievements. They can do so on the fingers of one hand and the prospects are that the count will not go much higher in the remaining half of the session.

In January, President Truman made twenty-four specific legislative demands upon congress in his state of the union message and economic reports. But when the final tally is made this summer, final action on only about six of the twenty-four is expected:—foreign and military aid, aid to the underdeveloped areas of the world, creation of a National Science Foundation, increased social security coverage, and a liberalization of the present displaced persons law.

Following White House conferences last week, it appears that the administration has dumped the Brannan farm plan, even though the President had sent up a special message on it only the week before; the socialized medicine program; and repeal of the Taft-Hartley law. Already killed by congress were the middle-class housing program, federal aid to education and compulsory FEPC. It now appears that it is ready to run rough-shod over White House recommendations for tax relief by making far deeper cuts than had been proposed.

It will be interesting to see how this score will be considered by an administration which got such intense satisfaction and won such unexpected success by denunciation of the failures of the eightieth congress. Perhaps the strategy planners will forget all about what was said about the proclaimed worst of all sessions, in the fond hope that the electorate always forgets, too.

For the Bookshelf

NATIONAL ASSOCIATIONS OF THE UNITED STATES. By Jay Judkins, chief, Trade Association Division, Office of Domestic Commerce. Cloth: lxvii+634 pages. Washington: United States Department of Commerce. $3.50.

This is a book of wide, everyday usefulness. It is much better than any of its predecessors. It starts off with a table of contents showing that it covers 2,470 organizations in fifteen industrial groups, 1,335 in twelve miscellaneous sections (better business bureaus, labor unions, sport associations, women's organizations, and such), and an unspecified number in twenty-two other groups (advertising clubs, engineering associations, institutes, lobbies, small business associations, trade directories, and others). One need not be able to think in terms of the compiler's categories and know why salesmen's associations are not in the same division as farmers' organizations, and ad clubs are seventeen sections and two groups away from advertising associations—there is right down front, on pages xvii to lxvii, an alphabetic index to all the organizations covered in the directory.

The coverage is sectionalized on the same basis as the table of contents into alphabetical lists for each industrial or other group. The listing comprises the name of the association, the name of its executive officer, various ramifications of organization and individual interests and activities, the date of the organization's founding, the number of persons on its paid staff, the number of members, and the headquarters address. Many cross-references also are included.

A quicker means of reference is provided in appendix 1 for those who wish to know the organizations of industrial groups and subgroups. This arrangement is called functional and special industry groupings. It gives only the names of the organizations. The manufacturers' group, for example, has a list of 850 associations. There are 250 wholesaler groups and ninety retailers'. Appendix 2 embraces multiple association offices, listing four offices with ten or more associations, eight with five or more, and 130 with two or three. Appendix 3 is on foundations—160 of them. Appendix 4 covers organizations in the educational, scientific, social welfare, and other fields, not otherwise listed. Information on related government agencies, how to organize, and economic statistics (sales and prices and so on) make up several more appendixes.

The book is procurable from the Superintendent of Documents, Government Printing Office, Washington 25.

Washington Talks It Over

—Continued from page 5

great from back home against the efforts of the Department of Agriculture to curtail cotton production. A record number of boll weevils survived the winter and are now coming out of hibernation in the deep South.

Data received this week from the Cotton Insect Field Laboratory of the Bureau of Entomology and Plant Quarantine in northeastern Louisiana indicate the greatest number of weevils per acre in March since studies were started in 1936, when modern scientific methods were developed to obtain such information. This is the second indication obtained by entomologists that 1950 may become known as "The Boll Weevil Year." The first indication was last fall, when scientists found more weevils going into hibernation than at any time except 1945.

Only about a third of the 3,200 weevils per acre died during the mild winter. The others, 2,200 per acre, survived. This is the greatest number per acre ever recorded in March in Louisiana adjacent to cotton fields. Only 50 to 1,700 per acre ever lived over the winter before. Only three times has the number exceeded 1,000. The major natural controlling factor in weevil abundance now remaining is weather during May, June and July. Hot, dry weather during that period may improve the situation greatly; otherwise, infestation may be very heavy in Louisiana, Mississippi, and Arkansas.

Nematode Control Chemical Needed

The science of nematode control—those organisms that live underground and attack the roots of food crops—holds great possibilities for the students of chemistry research. J. R. Christie, of the Department of Agriculture, one of the soil scientists who has given much study to the nematode problem, says that there is a real market for the chemical that someone develops that will do a real job of controlling these pests. What is needed is a chemical in granular form to use in place of some of the liquids used now.

Use of volatile nematode killers has increased rapidly in recent years. These are the fumigants such as ethylene dibromide and dichloropropene. These have done well in row treatments for the common root knot nematode which moves solely through the soil. But still better and cheaper chemicals are needed, says Mr. Christie, which are more stable, which remain deadly to nematodes for a month or so and are relatively harmless to plants.

The ideal chemical would be in the form of a salt that could be applied like fertilizer—perhaps with it—and would kill a wide variety of soil organisms—nematodes, and also insects, fungi, and weeds in the seed or seedling stage—and then disintegrate. Some fumigants have this varied killing power, but may remain injurious to plants. He described such a chemical as the "ideal" goal for research by scientists in other sciences.

Patent Income Tax Status

The Commissioner of Internal Revenue has adopted an interpretation of the term, "income," as it relates to payments made to patentowners in return for exclusive rights to the patent, that might prove of considerable importance to the chemical industry in years ahead.

Back in 1946, when the question arose as to how to treat (for tax purposes) the income received by patentowners under exclusive license agreements, it was decided by the United States Tax Court, in effect, that such exclusive agreements amounted to a sale of the invention by the patentowner. Consequently, the income, even though it was based on a percentage of the selling price of a patented article and was paid periodically, was regarded as a gain and subject to the gains tax.

The question was settled in Edward C. Myers vs. Commissioner, which involved terms of an exclusive license agreement with the B. F. Goodrich Rubber Company. At that time the commissioner acquiesced in the decision. Since then, the commissioner has reconsidered the question and has come to the conclusion that such income, instead of being a "gain" to the patentowner, is in fact a "royalty" payment and is thus taxable at the much higher rates as ordinary income.

The commissioner has served notice that he has withdrawn his previous decision to "acquiesce" in the Myers decision, and beginning with taxable years after June 1, 1950, he will regard income to patentowners under such arrangements as those in the Myers case as royalty payments.

ECA Technical Aid Cost

ECA estimates that it is closing the wartime gap in Western European technical know-how at a cost of a fraction of a cent out of every dollar spent for other forms of European recovery. Of the approximately $9,000,000,000 obligated in the first two years of ERP, a little more than $7,000,000 was committed for ECT's technical assistance program.

The technical assistance program provides for furnishing aid in three different ways:—(1) bringing the European specialists, as individuals, or in teams to the United States to study latest developments in their respective fields; (2) sending United States experts to European countries to make surveys and recommendations in their special fields, demonstrate new technical practices and train Europeans in new techniques, and (3) supplying technical publications and equipment for libraries and laboratories.

Within the two years that the plan has operated, 854 specialists from sixteen European countries were brought to the United States for from three-week to one-year studies, and 375 United States experts have been sent to Europe. The projects have related to virtually every field of industrial and agricultural activity, as well as the transportation and communications fields.

Wooing Small Business Votes

The senate has set up a new select committee to watch over the affairs of little business and see that its protests are heard by the right people. It's a committee from which a lot of noise doubtlessly will be heard, but little in the way of action because it has no authority to either pass upon or report legislation to the senate.

Appointment of small business investigating committees has been the standard practice in the Senate for the past six or eight years, until last year, however, when it was decided to turn such problems over to the regular committees of the senate which had the power to take action, when action was called for. This was in keeping with the aims of the congressional reorganization act of having a minimum number of special committees so that the senators would not be wasting their time on dead-end subjects.

While the theory of the reorganization act was good, the way it worked out in practice was not to the liking of those in the senate who count heavily on buttering up small business. They found that the complaints of little business were being lost in the hubbub of other work of the regular committees. This was bad politics both from the standpoint of the Republicans and the Democrats so, working together, they have now set up a special committee whose sole function will be to see to it that little business has its own sounding board and its complaints are received where they will do the most good.

Herring Evade Icelanders

A year or so ago ECA made a loan of $2,300,000 to Iceland to be utilized for expansion of that country's herring processing capacity which had proved very short during the big winter herring seasons of 1946-47 and 1947-48. Some of the money also was to be used for construction of new fishmeal factories.

It turns out now, however, that very little of the loan money has been used by Iceland, for the simple reason that herring have suddenly decided to become more illusive and it is questionable whether the expansion of the processing capacity might not turn out to be an unwarranted capital expense. Tests have shown that herring are still running in abundant quantities off Icelandic coasts, but at depths too great to be caught by present fishing gear.

Fishing is naturally Iceland's major industry, but with the aid of ECA money Iceland is also going in for greater food production. One of the principal projects for which Iceland hopes to obtain ECA funds is a nitrogen fertilizer plant. All fertilizer is imported at the present time, but it is hoped that it will be possible to become practically independent of outside needs.

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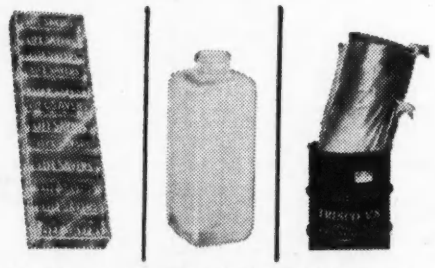

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Heavy Chemicals

Higher prices for tin metal resulted in advances in tin chloride and tin crystals last week. Spot offerings of grade A tin were relatively light while both London and Singapore cabled higher prices. Sodium stannate and other tin based chemicals closed firm with prospects favoring an upward revision at an early date. Copper and zinc were firm under a strong demand and a contraction of available stocks. Lead continued about steady with some relaxation in foreign selling pressure. No appreciable improvement could be noted in the demand for quicksilver. Some suppliers of cadmium reported a tighter market condition.

Tonnage shipments of heavy chemicals compare favorably with those of year ago although it is stated the total is not topping that of the preceding months of this year. Chlorine, copper sulphate and sodium chlorate are in short supply at present but there is no important scarcity of other heavy chemicals. The broader use of chlorine has kept demand above production and this also applies to sodium chlorate. Maintenance of industrial demand, reported at 10 to 15 percent above normal, has kept the supply of copper sulphate tight and the market is now feeling the heavy impact of the agricultural inquiry. Phosphorous compounds have maintained a steady degree of balance. Soda ash stocks are not excessive but available for prompt shipment. Caustic soda is finding a steady outlet and is in freer supply than soda ash. Buyers are not experiencing difficulty in securing sulphuric acid or any other of the other commercial acids at present. Sales of zinc sulphate continued spotty. Stocks of carbon tetrachloride are not free although contract consumers are receiving shipments regularly.

Paper production based on a percentage of six-day capacity was 100.6 percent for the week ending April 8, according to the American Pulp and Paper Association. This compared with 102.4 in the preceding week and 86.9 for the corresponding week in 1949.

Production of certain important chemicals in Western Germany in January, 1950 (preliminary figures) was as follows, in metric tons, December totals in parentheses: Nitrogenous fertilizers, 40,200 (34,600); phosphatic fertilizers, 27,400 (25,000); soda ash, 49,500 (54,800); caustic soda, 25,400 (25,400); sulphuric acid, 87,400 (83,200); and calcium carbide, 46,000 (49,600).

Acrylonitrile—Finding a steady outlet mostly to the rubber industry. Tankcars are priced at 39c. and drums in carlots at 40½c. per pound. The breakdown on smaller quantities is 41c. for 5,000 pounds, 42c. for 2,000, 43c. for 335 and 60c. per pound for less. All prices are f.o.b. the works.

Carbon Dioxide—The tax subsidy of 80 percent of the Mexican production tax, granted to manufacturers and packers sold to the national mining industry, has been extended through 1950. The rate of the subsidy remains unchanged, but it now applies to the present production tax of 30 pesos per kilogram—formerly 15 pesos. The peso has been stabilized at $0.1156c., U. S. currency.

Chlorine — Maintenance of heavy demand has prevented any easement from the tight supply position. According to trade reports, inquiry is more likely to expand than relax during the next few months on account of water processing uses. Production over the first quarter of 1950 was not sufficient to level off the industrial demand.

Production in Bavaria, Germany during December, 1949, was 1,050 metric tons, against 612 in the preceding month.

Copper Sulphate—Increased buying interest has put pressure on production, and the market position has continued tight. Producers have found it necessary to limit sales to normal amounts to regular customers, and deliveries are not promised for three weeks. Maryland, Virginia, Pennsylvania and New Jersey have been pumping inquiries into the market at an unusually rapid rate, with several orders temporarily refused. Maine has not purchased to date, and reports from Aroostook county indicate that potato farmers are likely to ditch the government program this season and plant independently. Similar reports have been heard from Idaho. Industrial sales are averaging 10 to 15 percent above normal, and enough dollars have been found to assure a substantial export trade with southern Europe and South America.

Market Trends

Prices Advanced

Tin chloride, .001 per lb.
Crystals, ¾c. per lb.
Metal, ½c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100—August 1, 1914)

General Chemicals

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
215.3	215.3	213.8	216.4	230.3

Acids

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
121.9	121.9	121.9	121.8	122.8

(For Current Prices see Page 9)

Manganese Sulphate — Producers are selling the 65 percent grade at $63 per ton net in carlots, delivered rail stations to all points in southeastern territory, Central Freight Association territory or trunk line territory to which points through commodity rates on fertilizer apply from Atlanta, Georgia. To all other points additional freight will be charged. The 75 percent grade is priced at $72.50 per ton in carlots delivered as described above. Less than carlots $70 per net ton for 65 percent and $79.50 for 75 percent delivered southern freight territory or f.o.b. Lockland, Ohio, or other warehouse points.

Nickel Sulphate—One of the producers is not considering orders for delivery within three weeks. Others are in a position to accept business for immediate shipment. Demand for plating use has been sustained at a satisfactory level. Prices were unchanged.

Potash, Caustic—Not in free supply, although steadily improving by the elimination of backlog orders accumulated early in the year. Demand from the soap and chemical industries has remained active with shipments running close to schedule

Potassium Carbonate—Conditions are similar to those noted in caustic potash. Demand for calcined from the glass specialty plants has been active enough to hold the supply position tighter than usual.

Potassium Chlorate—Match factories are taking most of current production with April output covered by contracts. The recent advance in prices had no apparent effect on demand. Producers are not offering this side of May. Perchlorate has remained relatively quiet at former price levels.

Soda Ash—Market situation steady with shipments holding their former average. Stocks not excessive but fully capable of meeting the current extent of consuming demand. It was stated that demand from paper mills is leaning toward expansion.

Soda ash and caustic soda will be licensed by the Government of India for importation from soft-currency countries in the first half of 1950, according to the Indian press. This development is significant, since no new licenses for alkalies from hard-currency countries have been granted since 1948 and none from soft-currency areas since July, 1949. The fact that dollar imports are still not licensed signifies the continued insistence of the Government on cutting imports from hard-currency countries to a minimum. A later announcement states that special arrangements have been made to import about 20,000 tons of "Magadi" soda ash from Kenya.

Soda, Caustic—Shipments against standing contracts have accounted for most of the movement so far this month. Production is still slightly in excess of demand regardless of constant adjustments to keep the market in balance. Stocks have continued available to meet additional requirements on a prompt basis.

Production of caustic soda in Bavaria, Germany, during December, 1949, was 4,933 metric tons, compared with 4,681 in the preceding month.

Sodium Chlorate—Demand has been sustained at an unusually high rate both for industrial and agricultural requirements. One of the largest producers is not inclined to consider new business as their output is heavily sold on contract over the remainder of the year. Meanwhile, the eastern supply situation is definitely tight with no indication of nearby easement.

Sodium Phosphate—Bureau of Census gives January production of monobasic at 1,443 tons, compared with 1,302 for the

For Late Market Developments, See Page 4

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preceding month and 1,120 tons for January, 1949. Output of tripoly in January was 7,504 tons.

Tin Chloride—Stannous anhydrous was priced higher at 70.91c. to 71.91c. per pound. The advance accompanied to increased cost of tin.

Tin Crystals—Priced higher at 58¼c. per pound, in sympathy with the advance in tin. The market is based on tin metal at 76½c. per pound.

Acids

Chromic—Shipments for plating use are holding at a satisfactory average. Maintenance of production has kept the supply position comfortable, and consumers have not experienced difficulty in securing prompt deliveries.

Muriatic—Finding a steady outlet mostly through regular contract channels. Market steady at recent advance, with stocks adequate to meet requirements.

Naphthenic—Demand fair for the 220-230 acidity, with sales reported at 13c. per pound in drums and 11c. in tankcars. Production of the 230-240 acidity has been cutback, but prices are unchanged at 22c. per pound in drums and 19c. in tankcars. All prices are f.o.b. the works.

Oxalic—Buying interest relatively slow, with stocks liberal and the current movement confined mostly to small lots for actual wants. It was stated that sales last week did not compare favorably with the preceding period. Prices were unchanged.

Sulphuric—Contract shipments continued to move forward in steady volume. Additional sales were fair, with production sustained at a level to keep available stocks adequate to meet all requirements.

Production of sulphuric acid in Japan during December, 1949, was 245,366 metric tons, compared with 237,366 in the preceding month.

Nonferrous Metals

Aluminum—Average daily shipments of aluminum wrought products during February were 22 percent above January, 1950, but about equal to February, 1949, according to the Bureau of the Census. Shipments of magnesium wrought products during February, also on an average working-day basis, were 12 percent lower than in January, 1950, but 20 percent higher than in February of 1949. Net shipments of aluminum wrought products, unadjusted for number of working days, totaled 111,000,000 pounds in February, as compared with 101,000,000 pounds in January, 1950, and 110,000,000 pounds in February, 1949. Almost all of the increase above January was accounted for by the rise in shipments of plate, sheet, and strip.

Cobalt—Much greater usage of cobalt in magnet alloys was chiefly responsible for an 11-percent gain in consumption in the fourth quarter of 1949 over the preceding quarter, according to the Bureau of Mines. However, more cobalt was also used for high-speed steel, high-temperature alloys, cemented carbides, alloy hard-facing rods and materials, ground-coat frit for porcelain enamel, and pigments. Production of cobalt metal in the United States was 7 percent greater in the fourth quarter than in the preceding quarter and imports were up 5 percent. Sales of cobalt metal to industrial consumers were 18 percent larger. Output of cobalt oxide declined 66 percent but imports were 150,318 pounds (gross weight) in the fourth quarter (none in the preceding quarter); sales of oxide were up 16 percent. Production of cobalt salts declined 33 percent but sales were 27 percent greater. Production of driers gained slightly but sales declined. Domestic output of cobalt ore was 58 percent less than in the third quarter and imports of alloy dropped 67 percent. However, consumption of ore and alloy was only slightly less.

Copper—Buying interest continued active with supply position tight. Inventories believed low at copper and brass mills and require constant replacement. Electrolytic firm at 18½c. per pound, delivered valley basis.

Copper mine output dropped 6 percent in February to 67,478 tons, but on a daily average basis gained 5 percent over January, according to the Bureau of Mines. Most states had larger production in February on a daily average basis, only decreases in excess of 10 percent representing actual declines. Production in Montana fell 17 percent and in Nevada, 15 percent. In the two chief copper-producing states, Arizona and Utah, decreases of 6 percent each represented small gains on a daily average basis, and New Mexico's output rose a total of 13 percent.

A preliminary estimate placed the 1949 Canadian output of recoverable copper at about 10 percent above the 1948 output. Mine production, almost half of which comes from the Sudbury district in Ontario, was estimated at 263,618 tons in 1949 against 240,732 tons for 1948. Production of refined copper was estimated at 227,512 tons in 1949, compared with 221,275 tons in 1948.

Lead—Remained steady last week under a fair demand and less pressure to sell from foreign sources. Bookings for April are reported fairly heavy with May shipments commanding inceased attention. The common grade was priced at 10½c. per pound, New York, and 10.30c., St. Louis basis.

Quicksilver—No appreciable improvement in the consuming demand could be noted last week. Sellers named $71 for 100-flask lots and $73 to $75 for smaller quantities. The week's arrivals included 3,900 flasks.

San Francisco.—The market continues quiet here and without note insofar as inquiry is concerned. Metal is quoted at $73 per flask.

Silver—Market steady and temporarily stabilized at the late decline. Bullion was priced at 71¾c. per ounce in the New York market.

Importations of refined bullion for the week ending March 22 totaled 1,172,262 troy ounces, compared with 1,025,336 for the preceding week. Exports for the same week amounted to 1,270 troy ounces, according to the Department of Commerce.

Tin—Advanced under limited spot offerings and stronger markets in London

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and Singapore. Grade A sold at 76½c. per pound, a net gain of ½c. for the week.

Zinc—Market position firm under strong demand and limited offerings. Prime western priced at 10½c. per pound, East St. Louis basis.

Stocks of smelter slab zinc on March 1 were placed at 67,419 tons by the American Zinc Institute. Production last month amounted to 77,946 tons, the highest since March, 1949. Domestic shipments last month were 74,700 tons, compared with 72,843 in February and 51,381 in April, 1949. Export and drawback last month amounted to 627 tons, government account 10,262 tons making a total of 85,589 tons shipped. Stocks at the end of March were 59,776 tons, against 67,419 at the end of February and 79,722 on March 31, 1949. Unfilled orders at the end of March were 55,533 tons, compared with 45,131 on February 28. Daily average production last month was 2,514, against 2,487 in February and a daily average 2,384 tons over 1949.

Bureau of Mines placed total domestic production of slab zinc including primary metal from domestic and foreign ores and redistilled secondary metal from scrap at 870,000 short tons in 1949, an increase of 2 percent over 1948 and the largest tonnage in the peacetime history of the zinc industry. The use of foreign ore gained and the slab zinc produced from this source increased 38 percent virtually to equal the record peak quantity of 348,059 tons produced in 1943. Output from domestic ore, lowest since 1946, fell off 13 percent. Production of redistilled secondary slab zinc declined 12 percent from the 1948 level.

Phila. Chemical Club Sets 1950 Golf Dates

The Chemical Club of Philadelphia will hold its first monthly golf outing of the 1950 season at the North Hills Country Club on April 20. Other golf dates scheduled for the season are:—May 12, Manufacturers Country Club; June 16, Rolling Green Country Club; July 16, Torresdale Country Club; August 16, Whitemarsh Country Club; September 15, Llanerch Country Club; October 18, St. Davis Country Club, and November 8, Cedar Brook Country Club.

N. E. Chemical Club Elects Jesdale as New President

The Chemical Club of New England elected Thornton C. Jesdale, Monsanto Chemical Company, president at its recent annual meeting at the Parker House, Boston. Other officers named were:—Vice-president, David J. O'Connel, Howe & French, Inc.; treasurer, Edward C. Richardson, U. S. Industrial Chemicals, Inc.; secretary, Richard D. Wilson, Doe & Ingalls, Inc., and member of the executive board for a three-year term, Howard J. Heffernan, Monsanto Chemical Company.

Monsanto Grants Leaves

Monsanto Chemical Company, St. Louis, Mo., has granted leaves of absence to four scientists for an academic year of study at universities of their choice. Those named to receive the leaves for the 1950-51 academic year are:—Paul M. Hamilton, Dayton, Ohio; Robert E. Colwell, Springfield, Mass.; Frank LaBelle, Anniston, Ala., and Harry O. Hehner, Monsanto, Ill.

Tenn. Eastman Issues Catalog

Tennessee Eastman Corporation, Kingsport, Tenn., has published a new edition of its catalog, "Eastman Industrial Chemicals." The new edition offers a compact description of the chemicals offered by the company and includes specifications, properties and typical uses. Copies may be obtained from the company.

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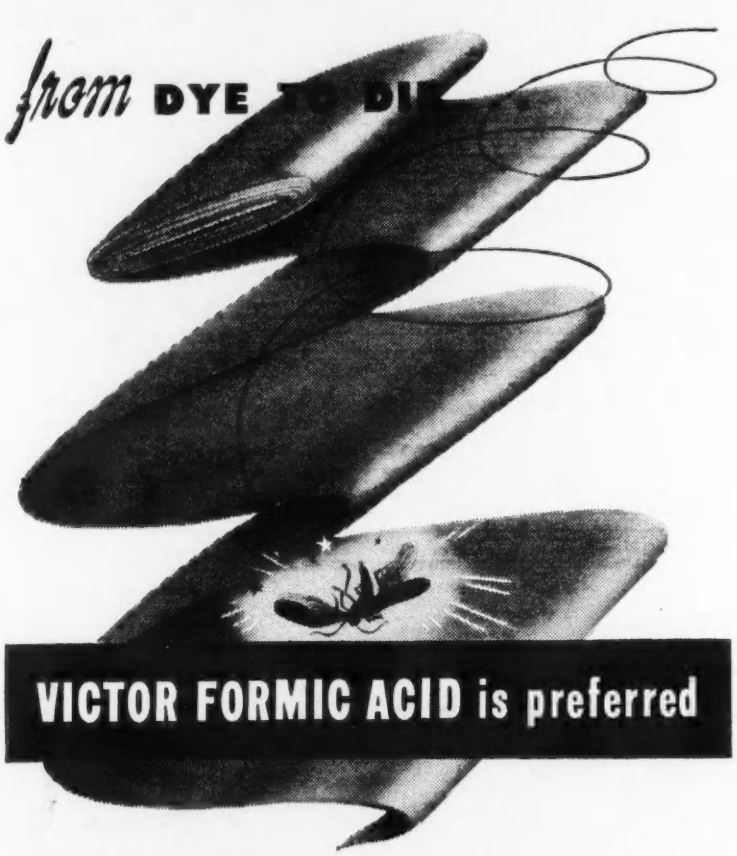

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USP Headquarters Dedicated April 12

The new headquarters building for the United States Pharmacopeia at 46 Park avenue, New York, was dedicated April 12 at a ceremony in the Pierpont Morgan Library, Thirty-sixth street and Madison avenue. Robert L. Swain, chairman of the USP board of trustees, presided.

Speakers at the occasion were Paul B. Dunbar, commissioner of the Food and Drug Administration, who discussed the Pharmacopeia as a legal standard and its evolution as such; William G. Workman, chief of the laboratory of biologics control, National Institutes of Health, who discussed the problems involved in certain biological standardizations and the specification of such control methods and standards in the USP; E. Fullerton Cook, chairman of the USP committee on revision, who presented a chronological review of pharmacopeial history over the 130 years of the existence of the USP, and Cary Eggleston, president of the USP Pharmacopeial Convention, who accepted the new building from Dr. Cook on behalf of the board of directors and, in the dedicatory speech, pointed out the great need for physicians to fully realize the importance of the pharmacopeia to them.

Among the honored guests present for the occasion were Lloyd Miller, who is to succeed Mr. Cook as chairman of the USP committee on revision; Ernest E. Irons, president of the American Medical Association; W. Paul Briggs, representing the Surgeon General of the navy; Leonard Scheele, Surgeon General, United States Public Health Service; P. M. Paul, representing the World Health Organization; Professor Baggesgaard-Rosmussen of the Danish Pharmacopeia Commission; C. H. Hampshire of the British Pharmaceutical Commission; Samuel Frant, deputy commissioner of health of the City of New York.

William B. Shangraw, president of the National Association of Boards of Pharmacy; Brig. Gen. Earle Standlee, representing the Surgeon General of the army; Hugo H. Schaefer of the American Association of Colleges of Pharmacy; Robert P. Fischelis, secretary of the American Pharmaceutical Association; Howard B. Fonda, vice-president of the American Pharmaceutical Manufacturers Association; Carleton H. Palmer, president, American Drug Manufacturers Association, and Justin L. Powers, chairman, committee on revision of the National Formulary.

Nonferrous Metals Needs Of Europe Seen Declining

Requirements of Marshall plan countries for nonferrous metals from the United States or other sources are expected to decline in the last two years of the European recovery program, the ECA announced last week.

ECA officials said that the expected decline indicated the general progress of the participating countries during the first two years of the Marshall plan.

During the 1949-50 fiscal year western European countries purchased an estimated $314,000,000 worth of nonferrous metals from dollar sources. The 1950-51 estimate is placed at $301,000,000, while the estimate for 1952-53 is predicted as $245,000,000.

The largest requirements of the participating countries are for copper, while for 1949-50 amounted to $117,000,000. The 1950-51 estimate for copper purchases is $120,000,000. In 1952-53 the purchases are expected to drop to about $94,000,000.

Goodrich Plans New Research Laboratory

B. F. Goodrich Chemical Company, Cleveland, Ohio, plans to commence construction of an applied research laboratory at Avon Lake, Ohio, next month. The new building will cover 17,500 square feet and will have separate materials and processing laboratories, a compounding room, Banbury mixing room, controlled temperature test room, offices and conference rooms.

India Tightens Import Duties

The government of India has accepted the Tariff Board's recommendation that the existing protective duty of 30 percent advalorem on imports of potassium bichromate, sodium bichromate, and chromium compounds be continued through March 31, 1952, according to the chemicals branch of the Office of International Trade.

Advices from the United States Embassy at Bombay also stated that the board is considering the protection of the photographic chemicals industry, and the continuance of protection to the oleic and stearic acid industries.

India has decided to permit the exportation of small amounts of sodium bicarbonate of domestic manufacture in the period January-June, 1950. India normally imports fair amounts of this material, as production is insufficient for requirements.

PMA Sets 1950 Linseed Support Price at $2.82

The Production and Marketing Administration, Department of Agriculture, has announced a support price of $2.82 a bushel, Minneapolis, Minn., basis, for number 1 1950-crop flaxseed. This support price reflects an average support level of 60 percent of parity as of April 1, 1950, as announced for the 1950 crop on September 16, 1949. Support for the 1949 crop was $3.99 a bushel, Minneapolis basis.

The support price at Duluth, Minn.; Chicago, Ill., and Portland, Ore., will be the same as at Minneapolis. The support price at Los Angeles and San Francisco, Calif., will be $2.97; at Fredonia, Kan., $2.62; and at Corpus Christi, and Houston, Tex., $2.57 per bushel.

Colombia Eases Import Controls on Many Items

The chemicals branch of the Office of International Trade announced last week that the Colombian Office of Exchange Control has released a list of more than 150 essential imports which may now be licensed without regard to quota restrictions.

Chemical items include rosin, acetic acid, ammonium chloride, caustic soda, sodium carbonate, potassium carbonate, caustic potash, potassium permanganate, calcium chloride, calcium carbonate, magnesium chloride, alum, carbon disulphide, camphor, photographic chemicals, red lead (not prepared), and printing and lithographic inks.

Monsanto Chemicals, Ltd. Elects Two New Directors

Monsanto Chemicals, Ltd., London, has added Prof. E. K. Rideal and Granville Tyser to its board of directors. Prof. Rideal was formerly Fullerian professor of chemistry and director of the Davy-Faraday Research Laboratory, Royal Institution of Great Britain. Mr. Tyser is a former managing director of Lazard Bros. & Co., Ltd.

Nitrogen Contracts Awarded

One-half of the 12,000-ton ECA-Korean nitrogen supply contract went to a foreign supply source in the awards made by the Federal Supply Service under the bid opening of April 3.

It was announced by the agency that the contract for supplying the nitrogen for shipment to Korea under the ECA program went to three bidders as follows:—

C. B. Fox Company, New Orleans, 6,000 tons at $163.76 per ton, f.o.b. vessel, Trieste. The Fox company listed the Austria Nitrate Works, Linz, Austria, as the supplier.

U. S. Steel Export Corporation, 2,300 tons at $182.69 a ton, f.o.b. Baltimore.

Nitrogen Products, Inc., 4,600 tons at $182.89 a ton, f.o.b. Baltimore and New Orleans.

The successful bidders promised delivery of 8,900 tons of the contract by May 15 and the remainder early in June.

Haeuser Engages Fisher

The Haeuser Shellac Company, Brooklyn, N. Y., has added Warren C. Fisher to its research and development staff. Mr. Fisher recently graduated from Massachusetts Institute of Technology.

Trade Briefs

Hercules Powder Company, Wilmington, Del., has published a new leaflet containing information about its "NVX," a water miscible, neutral resin, for the foundry industry.

Gordon T. Wallace, former chief of the fats and oil section of the Office of Price Administration, has joined Bache & Co., New York, to organize and direct its new fats and oils division.

Boyd, Hardey & Wheelock has been formed in Teague, Tex., to conduct activities and operations limited to the initiation and conduct of negotiations for the purchase or sale of oil or gas producing properties, and for the merger of oil or gas companies or individually owned oil or gas interests.

Textile and Leather Chemicals

There was no improvement in the spotty demand for textile and leather chemicals last week. Consumers continued to restrict purchases to actual needs. Interest in forward requirements also was lacking both from large and small consumers. Lower prices were announced for edible egg albumen, while the higher cost of castor oil resulted in a fractional advance in the sulphonated grade. Price index dropped 1.6 last week.

Sizing materials remained steady, despite the limited volume of business. Corn dextrin continued in good request for immediate delivery against recent orders. Corn starch was reported in fair demand. Potato starch was steady at the recent fractional advance, though buyers limited demand to less carlot quantities. Sago flour was strong for shipment from primary sources. Tapioca flour was quotably unchanged with consuming inquiry low.

Edible egg albumen continued easy and quotations were dropped 2 cents per pound. Yolk remained steady at former levels.

Quietness prevailed in tanning materials. Wattle bark was in good demand for prompt shipment, but trading was hampered by the scarcity of offers from Africa. Other materials were inactive and notably unchanged.

Shipments of rayon yarn and staple in March by United States producers reached a new monthly high of 103,700,000 pounds, according to the Textile Economics Bureau. This total exceeded the February output by 10 percent, was 58 percent higher than for March last year and 10,000 pounds greater that the previous monthly record set in December last year. Although March shipments of rayon yarns were at a record high, there is evidence that some of this yarn is stacking up in warehouses of companies which have yarns into fabrics.

Chemicals

Acetic Anhydride—Business was reported fair, with users limiting demand to prompt needs. Market was steady at unchanged quotations.

Bichromates — Conditions in this market were steady and without change. Consumers continued to take moderate quantities for immediate delivery. Prices on all grades were well held at former levels.

Sodium Acetate—Demand was confined to actual requirements. Market was unchanged and steady. Stocks were adequate to meet demand.

Sodium Hydrosulphite — Business was quiet and spotty. Prices were unchanged and steady, reflecting the firmness of basic materials.

Sulphonated Oils—Recent advances in castor oil were finally reflected in sulphonated grades and the price was increased ½c. per pound. The 50 percent grade quoted at 12½c. to 14c. per pound, the 75 percent, 15¾c. to 16¾c., depending upon quantity. Sulphonated tallow unchanged and steady.

Sizing Materials

Corn Dextrin—A good demand continued to take the production against current orders. Deliveries were still several weeks behind schedule. All grades were unchanged and steady. Prices were guaranteed against advance until April 15.

Corn Starch—There was a fair, but steady demand for prompt delivery. Prices were without change and guaranteed against advance until April 15. Total stocks on farms as of April 1 were reported at 1,634,182,000 bushels, compared with 1,797,000,000 bushels at the same time last year and the 1939-48 average of 1,183,632,000 bushels. The visible supply decreased 880,000 bushels to 25,000 bushels for the week ended April 8, compared with 21,055,000 bushels at the same time last year, according to the Chicago Board of Trade.

Edible Albumen—Buying interest was restricted to actual requirements. Offers of edible flake were liberal and prices were reduced 2c. to $1.20 to $1.23 per pound, as to quantity and seller and powder, $1.25 to $1.28, same basis. Technical was well held at 78c. to 85c. per pound, depending upon quantity. Egg production was reported at 6,429,000 in January by the Department of Agriculture, compared with 6,143,000 for the same month in 1949 and 1939-48 average of 5,858,000. The output during January-March inclusive amounted to 16,793,000, against 15,554,000 for the same period last year and the 1939-48 average of 13,866,000. The egg support price of 25c. per dozen was extended for May and June in the midwestern surplus producing areas, it was announced by the Department of Agriculture. The department has purchased about 20,000,000 pounds of dried eggs to date this year at 96c. per pound, and also has bought about 45,000,000 pounds acquired last year under a similar support program. Offers of dried egg began April 11 for May delivery and will start May 9 for June delivery.

Egg Yolk—Further reduction of prices for albumen did not affect yolk last week. Domestic yolk was maintained at $1.09 to $1.12 per pound, according to quantity and seller. Demand was light, chiefly for actual requirements. Chinese yolk was quoted at 98c. to $1.02 per pound, duty paid for spot delivery, as to quantity. Domestic tanners yolk was unchanged at 6½c. to 7½c. per pound, according to quality.

Potato Starch—Trading was reported light, chiefly for less carlot quantities for prompt requirements. Consumers' interest in carlots was inactive at the recent advance, and no sales were noted at the higher level. Carlots were quoted at 5c. per pound, carlots f.o.b. mills, Maine and Idaho. Sales of small lots were made at 7c. per pound, exwarehouse, New York.

Rice Starch—Small lots were absorbed at 12½c. per pound, for spot delivery. Supplies were adequate to meet demand.

Sago Flour—Primary market was reported strong, with shipments maintained at 5.15c. to 5.35c. per pound, exdock New York, depending upon quality. Light sales for replacement were made at this level. Supplies on the spot were well held at 5½c. to 5¾c. per pound, as to quantity. Demand was slow.

Tapioca Flour—This market was quiet and quotably unchanged. Most of the buying was reported for prompt delivery. All grades were fairly steady. Brazilian high grade was quoted at 8c. to 8¼c. per pound, exwarehouse; medium, 7½c. to 7¾c. and low, 7c. Siamese high grade ranged from 5½c. to 5¾c. exwarehouse; medium, 4¾c. to 5c. and low 4c. to 4¼c.

Tanning Materials

Chestnut Extract—Demand for domestic was reported fair, mainly for actual needs. Prices were unchanged and steady. Offers of extract for shipment from France and Italy were more liberal than heretofore. Exports of domestic were reported at 345,020 pounds valued at $18,528 to Canada in January, according to the Census Bureau.

Cutch—Buying interest for replacements continued spotty. Shipments, however, were maintained at unchanged levels.

Mangrove Bark—Trading was restricted to an occasional lot for shipment from South America. Prices were without change and steady. Offers from Africa were still unavailable.

Myrobalans—There was no improvement in the quiet demand for replacements. Primary market was unchanged and steady. Arrivals totaled 1,280 bags at Baltimore last week.

Quebracho Extract—While business was reported slow, primary markets remained steady and shipments were maintained at unchanged levels. Exports of quebracho from the United States in January were indicated at 122,830 pounds valued at $10,966, by the Census Bureau. Imports totaled 19,164 bags at Atlantic ports last week.

Wattle—A good inquiry was reported for replacements of bark, but offerings have become scarce for prompt shipment, while extract was in better supply. Quotations of both items were unchanged and steady. Arrivals of bark were reported at 3,605 bales and 5,190 bags of extract at Atlantic ports last week.

Market Trends

Prices Advanced

Castor oil, sulphonated, ½c. per lb.

Prices Reduced

Egg albumen, edible, 2c. per lb.
powder, 2c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
237.2	238.9	246.4	286.0	338.5

(For Current Prices see Page 9)

For Late Market Developments, See Page 4

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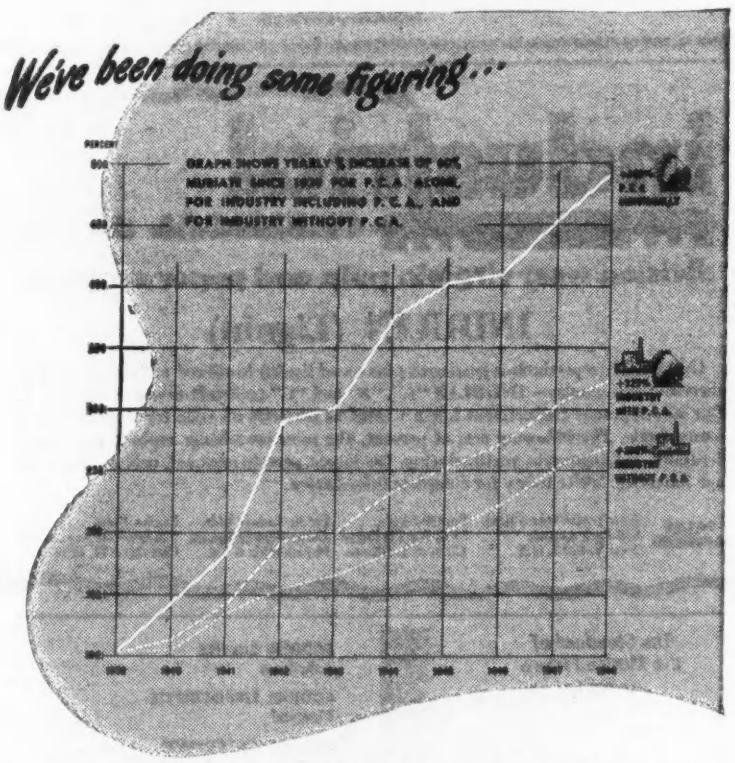
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Agricultural Chemicals

Tankage prices were lowered last week here and in the West. The market softened under indifferent support from the stock-feed trade. Producers of hoof meal also reduced prices in an attempt to create new buying interest in a slow market. The tone of bone meal and fish meal continued easy with imported material offering competition to suppliers of domestic. There were buyers of castor pomace at former prices but the absence of offerings prevented sales.

Benzene hexachloride remained firm and tight with demand strong and production heavily sold through the Summer months. DDT was in the same condition with sellers of both asking premiums for additional quantities. Methoxychlor stocks were not free but the market was not as tight as DDT.

Basic fertilizer chemicals did not change materially. The general movement was not up to expectations and unless shipments increase, the tonnage movement this season will likely fall below that of a year ago. While stocks of coke-oven ammonia sulphate will be reduced by government purchases, there is no important shortage of supplies at present and domestic demand is lagging. Low prices named for converters' sulphate for export sales have not contributed any prestige to the stability of by-product material. Superphosphate is moving along somewhat broader lines with shortages reported here and there but no real scarcity of normal stocks. Sodium nitrate moved more freely with stocks fully adequate to meet requirements. Importations of potash are coming through on time and domestic production is running full with shipments established on a normal basis. Output of nitrate solutions is heavily sold for the season and so is ammoniun nitrate.

A fertilizer and chemical plant in Israel which began operations in the Fall of 1949 has purchased additional equipment to increase the production capacity of superphosphate from 18,000 metric tons annually to 70,000 tons. A proportionate increase in sulphuric-acid capacity will be provided.

Under the five year plan, production of fertilizer in Hungary is scheduled to increase to four and one-half times the present output by 1954. It is also planned to convert 100,000 yokes of land into productive area. (1 yoke equals 1.07 acres.)

The fertilizer situation in Taiwan, China, improved gradually in 1949; consumption, however, was only slightly more than half the prewar annual rate. Imports of fertilizers in 1949 totaled 147,965 metric tons.

Nitrogenates

Ammonium Sulphate — Recent export purchases have kept the position of converters' tight. According to trade reports, supplies will probably continue short until July. Coke-oven stocks for domestic use are not short and the movement to date has not met the expectations of producers. The price outlook continued uncertain.

Bone Meal—Former prices were named although it was stated that imported material has offered competition to domestic and the tone of the market was rather easy. Buying interest was not of an aggressive character.

Castor Pomace—No additional sales were reported because no stocks reached the market. The inquiry was described as good. Last sales were made at $30.50 per ton bags in carlots, works.

Dried Blood—Prices were sustained at the late decline with demand slow. Priced at $7 per unit of ammonia New York and $6.75 at Chicago.

Fish Meal—No further change in prices last week. Buying interest relatively quiet with menhaden priced at $150 per ton, Baltimore. Imported fish meal remained at $150 c.i.f New York for prompt shipment.

Sodium Nitrate—Demand steady and being covered promptly from supplies that have maintained a comfortable position. Shipments expected to increase with the advances of the season.

Tankage—Priced lower with buying interest slower. At New York $7.50 per unit of ammonia was named and at Chicago $8.50.

Market Trends

Prices Advanced
None

Prices Reduced
Hoof meal, 25c. per unit of ammonia.
Tankage, 25c. per unit of ammonia.

Comparative Price Indexes
(100 = August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
81.6	81.6	81.6	81.6	81.6

(For Current Prices see Page 9)

Phosphates

Phosphate Rock — Domestic shipments held a satisfactory seasonal average with demand being promptly satisfied from stocks above ground. No large export inquiries could be noted and exporters do not look for much activity prior to July. The position of the market is steady and without important price change.

Large deposits of phosphate rock, estimated at 23,000,000 tons, have been discovered near Dorowa, Southern Rhodesia. It is reported that the rock is of low grade, with a P_2O_5 content of 4 to 7 percent. The amount of phosphatic fertilizer that could be obtained would depend on the type and capacity of the plant erected to process the material. There are no roads or railroads through the area, but transportation facilities are available within a short distance. It is believed that Rhodesian requirements and part of the Union of South Africa demand for phosphates can be met from these deposits. The Union imports about 600,000 tons of phosphate rock from French Morocco annually.

Superphosphate—Demand of fair seasonal dimensions reached the market. It was stated that production here and in Baltimore is mostly under contract for April. Reports have been heard of shortages here and there but the general supply situation is described as comfortable with demand and supply holding a fair degree of balance.

Potashes

No new developments in the domestic situation occurred last week. Production continued at a normal basis and, aside from slight delays from some supply points, shipments remained on a normal basis also. Most of the foreign materials has come through on schedule. The Russian muriate has tested 50 percent and upward. It is expected that about all the material sold will arrive here by the end of the month. An importation of 4,000 tons from Stettin arrived at Philadelphia during the past week.

Fertilizer Tag Sales: March

	Equivalent tons		
	March		Jan.-March
	1950	1949	1950
Virginia	125,578	141,575	306,532
N. Carolina	322,102	333,876	693,255
S. Carolina	190,016	246,566	546,628
Georgia	332,172	380,792	690,198
Florida	85,158	88,699	346,509
Alabama	196,178	193,824	348,278
Tennessee	37,304	60,803	100,283
Arkansas	56,627	50,064	98,191
Louisiana	60,628	52,523	117,217
Texas	93,719	106,513	201,961
Total South	1,519,484	1,655,235	3,449,072
Indiana	124,727	97,221	296,924
Kentucky	99,928	71,468	254,304
Missouri	84,869	98,886	218,735
Total Midwest	309,524	267,575	769,963
Grand total	1,829,008	1,922,810	4,219,035

Los Angeles Fertilizer Market

Los Angeles.—The trade is considerably concerned with respect to the supply picture for ammonia sulphate. Domestic manufacturers announced in some cases that they would be unable to meet their commitments due to production cutbacks while others report that their total output is already contracted for. The rapid change in the supply situation has left ammonia sulphate as the most important shortage on the local market. Triple superphosphate is the only other material currently short. Organic fertilizers have been very slow with tankage and blood meal prices somewhat stronger. Ruling prices are:

Ammonia nitrate—$69.94 per ton, f.o.b. Los Angeles. Canadian material same. Ammonium phosphate, $65.15 per ton for 16/20 grade, f.o.b. Los Angeles. $89.65 per ton for 11/48 grade, f.o.b. Los Angeles. Canadian material same. Ammonia sulphate, $ per ton in bags, f.o.b. Los Angeles. Canadian material same bagged. $2.50 less for bulk. Blood meal, $6.25-$6.50 per unit of ammonia source. Bone meal, $72 per ton for imported steamed, 1 30 meal, f.o.b. Los Angeles. Domestic, same grade, $70 per ton, f.o.b. Los Angeles. Fish meal, $153.75-$156 per ton for 60 percent sardine, f.o.b. Los Angeles. $138-$1 per ton for 60 percent tuna, f.o.b. Los Angeles. Nitrate of soda, $53 per ton in 100-pound bags, f.o.b. Los Angeles Harbor. $48 per ton

For Late Market Developments, See Page 4

bulk. Potash muriate, 45½c. per unit, bulk, f.o.b. Trona basis. Potash sulphate, 95 to 98 percent K_2SO_4, 79c. per unit, f.o.b. Trona. Superphosphate, $21.20 per ton bulk, f.o.b. Los Angeles area, $2.50 extra for bags. Triple, $68.50-$72 per ton, 47 percent a.p.a., f.o.b. Los Angeles. Tankage, wet rendered, fertilizer grade, $5.40-$5.90 per unit of ammonia at production plant.

Pesticides

According to the Department of Agriculture, prices of insecticides and fungicides are expected to remain at about the 1949 levels this season, and production in most instances appears to be geared to meet demand. If a heavy infestation develops, some of the new insecticides may fall short of requirements. At present it is apparent that dealers and farmers have taken on enough DDT and BHC to tighten the supply positions of both markets. Insecticides containing rotenone and pyrethrum are expected to be adequate. Insecticides containing ryania, which is used largely to control the European corn borer, will be available in larger quantities than last year, but the amount may not be sufficient to meet all demands. Stocks of toxaphene are comfortable at present, reflecting steady production over the Fall and Winter months, and allethrin is now available in commercial quantities.

BHC—About every producer has output sold through the Summer months, and the market has continued exceedingly tight, with a tendency to harden. While the contract price has remained at 1½c. per gamma for carlots, suppliers state that sales have been made at 1¾c. The spread for 12 percent gamma, therefore, would cover a range from 18c. to 21c. per pound for carlots and 20¼c. to 23¼c. for smaller quantities, f.o.b. works.

2,4-D—Demand fair for this period of the year and expected to increase as the growing season progresses. Demand for the compositions has increased. Stocks of all varieties still available.

Methoxychlor—Supply position tight, although stocks are not as short as DDT. Inquiry increasing with stocks diminishing. The price to dealers is unchanged from the basis of 65c. per pound, works.

Toxaphene—Stocks have been built up to meet requirements and demand of seasonal dimensions is reaching the market. It is expected that inquiry will steadily expand until Summer. It was stated that buying interest usually reaches its peak in June. The carlot and truckload price in drums is 20c. per pound, works.

Sulphur

Consuming demand steady with mine shipments comparing favorably with those of a year ago. Stocks meeting requirements promptly under the continuance of normal transportation facilities. The outlook is described as favorable for the maintenance of a heavy movement. Domestic production of native sulphur in January amounted to 401,232 long tons, compared with 392,655 in the preceding month and 416,678 in January, 1949, according to the Bureau of Mines. Producers' stocks on January 31 were 3,074,562 long tons against 3,099,305 on December 31 and 3,274,313 at the close of January last year.

Chilean Nitrate Issues Booklet

Chilean Nitrate Sales Corporation, New York, has published a booklet entitled "Industrial and Economic Progress in Chile." The publication tells the story of the development of the mining industries in Chile, as well as explaining the history of the country. A large section is devoted to the development of the nitrate industry and to the story of nitrogen in the production of the world's food supplies.

M.M.&M. Elects Weyand to Board

Minnesota Mining & Manufacturing Company, St. Paul, Minn., has elected Louis F. Weyand to its board of directors. Mr. Weyand, who is vice-president in charge of the company's adhesives and coatings division, has been associated with it since 1915.

Hyman Issues Two Circulars

Julius Hyman & Co., Denver, Colo., has published circulars entitled "Facts About Aldrin" and "Aldrin for the Control of Cotton Insects." Copies of either publication may be obtained from the company.

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Coaltar Chemicals

All grades of naphthalene were reduced 1 cent per pound across the board last week, there being no change in the price differentials for different quantities and packaging. Other coaltar basic and intermediate products were unchanged. The index dropped 0.5 point, becoming 105.0.

Of interest was the announcement by a petroleum refiner of the commercial production of benzol synthetically from petroleum source materials, on a commercial scale. Current plant capacity was estimated at from 3,000,000 to 5,000,000 gallons a year. Costs of manufacture are at present such that the synthetic petroleum product is priced somewhat less than twice the market level on the coaltar product. The quality of the new synthetic was said to be of 1 degree nitration grade.

The reduction of 4 cents per pound the previous week on phthalic anhydride led to wide spread price reductions last week on .virtually all phthalate plasticizers Supplies of phthalic anhydride were still in a long position, and so was the naphthalene supply from which it is made. Consequently there was an abundance of the naphthalene derivatives available for prompt shipment.

The price structure of essentially all of the dyestuff and other intermediates based on naphthalene were expected to hold firm and not show any reflection of the price reduction in naphthalene. This was so because the price position of these items did not advance along with the latest advances in naphthalene.

The wood preserving industry was still operating at substantial levels making for a continued high demand for creosote, which could be readily supplied from abundant stocks. Cresylic and phenolic materials were firm in price, with phenols being still on the short side.

The American Iron and Steel Institute, based on reports from companies having 94 percent of the steel capacity of the industry, reported the scheduled operating rate of the steel industry as 97.8 percent of capacity. This was equivalent to 1,864,300 tons of ingots and castings, compared with 1,845,300 tons the previous week, and 1,828,800 tons one year ago.

Basic Products

Benzol—Of historical and technical interest last week was the announcement by a petroleum refiner of the production of 1° benzol on a commercial scale. It was emphasized that the product is a synthetic benzol and not a recovery product from normal refinery streams. It was reported that the first trial run on plant equipment was made in April of 1949, and commercial scale production was started in December. It was estimated that existing plant facilities at the Texas City plant of the producer was capable of turning out between 3,000,000 and 5,000,000 gallons of synthetically produced benzol of 1° nitration quality per year. At present the synthetically produced material carries a price premium over the normal market level, moving at approximately 40 cents per gallon.

Meanwhile, tight supplies characterized the benzol market, with heavy demand stemming from the styrene, phenol and rubber industries, together with the wide range of chemical intermediates dependent upon benzol for their manufacture. While a scarcity existed, it was not so critical that most consumers could not get enough benzol to take care of their urgent immediate needs. A slow but steady trend toward a balanced supply with demand was expected to develop over the coming months.

Creosote—Ample quantities were available, and it was reported that consumers were buying this wood preservative in substantial amounts because of the co tinued heavy operations in that indust Meanwhile, the feeling was expressed th a good demand for creosote was likely continue for the weeks immediately ahe Prices were unchanged.

Cresols—There was a sustained stro demand for the various grades report throughout domestic producing sourc There were sufficient quantities availa to take care of the immediate needs consumers, but not an excess of supp Prices held to their former levels, and change was expected to develop in market. An easier supply position expected to develop over the months mediately ahead.

Cresylic Acid—Prices on both coal sources and petroleum source cres acids were firm at levels which prevai during the first quarter, and there was change being contemplated. The dome output of acid was reported to be ab equivalent to the immediate demand, th being no surplus, but only sufficient qu tities to go around and satisfy the im diate requirements of consumers. Sc easing of the supply situation and a toration of a more normal balance expected to develop in the weeks im diately ahead. Imported cresylic was r ily available, and petroleum types v abundant.

Naphthalene — Naphthalene prices clined 1 cent per pound last week, cumbing to pressure exerted on naphthalene price structure as a resu the 4 cent per pound reduction phthalic anhydride made the prev week. The one cent per pound price duction was made on crude naphtha of the 74° and 78° types and on the dustrial price schedules of refined n thalene. The price reduction on all q tities, and on bulk packaging sched was uniformly 1 cent per pound, so the price differentials between tank barrels, drums, and bags were unchar

The supply of naphthalene rema abundant, and plentiful stocks were pected to characterize the market ove coming months. Demand was at a tinued good level. Imports were large, which was the basic cause fo long supply position of the item in eral. The price position of imp naphthalene still held late last wee 3¼ cents per pound, and had as ye been affected by the reduced schedul domestic naphthalene. What the e if any, on imported prices would be a matter of conjecture. The price s ture on balls and flakes in bulk quan was also reduced 1 cent per pound.

Tankcar prices on naphthalenes the new schedule became 4¼ cent pound for 74° crude, 4¾ cents per p on 78° crude, and 8 cents per pou refined industrials naphthalene. usual differentials prevailed on ba drums and bags. These prices were freight equalized basis.

In bulk quantities, naphthalene and flakes were quoted to wholesaler jobbers at 11 cents per pound in carlot quantities, 11¼ cents per pou carlot quantities of material packag 50 pound case lots, and 13 cents per for carlot quantities packaged in 1 packages.

Phenol—The availability of phen generally regarded as one of scarc that because of the benzol shortage ducers of phenol were just ab squeeze through enough producti take care of the immediate needs o sumers without anything left over. situation was expected to characteri market in the immediate future, gradual easing was looked for as tended to reach a more normal b between supply and demand over th ing months. Prices were maintai their recently advanced levels, and was no indication in the immediate of any significant let up in demand

Solvent Naphtha—This market w changed from the condition of firm short supplies, and belated del which has prevailed over past mon

Toluol—Heavy pressure of dema coaltar source material immediatel

Market Trends

Prices Advanced

None

Prices Reduced

Naphthalene, all grades, 1c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
105.0	105.5	107.4	110.1	131.2

(For Current Prices see Page 9)

Coke By-Products

Estimates of by-product cokeoven operations in the week ended April 1, indicate the following output of by-products from that source:——

Ammonia liquid NH_3	lbs.	1,019,598
Ammonia sulphate	lbs.	26,376,341
Benzol	gals.	3,323,847
Coaltar	gals.	12,330,403
Creosote oil	gals.	686,213
Naphthalene, crude	lbs.	1,629,757
Phenol	lbs.	193,997
Toluol	gals.	664,769
Xylol	gals.	150,109

For Late Market Developments, See Page 4

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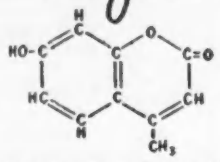

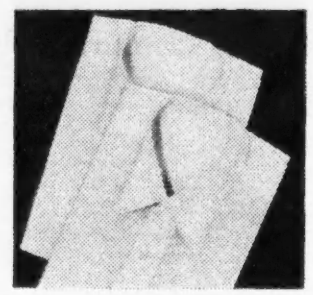

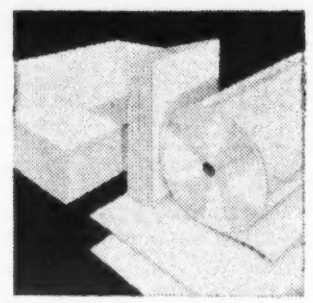

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up all production as fast as it could be turned out, and as yet was insufficient to take care of all calls. Prices were firm at levels prevailing in the market over recent months.

Xylol—This market continued at a firm price, scarce and inadequate supplies moving directly into consuming channels. A sustained heavy demand was expected over the coming months.

Intermediates

Alphanaphthol—Prompt shipment was available on this material from quite ample stocks at the firm price of 70c. per pound, unchanged from levels which have prevailed in the market over a long period. Since prices were not advanced when naphthalene was advanced, it was not expected that the price would be reduced as a result of this week's decline in naphthalene prices.

Alphanaphthylamine—The price structure of this item was firm and was not expected to be affected by the recent decline in naphthalene prices, because it was held steady when naphthalene advanced. Supplies were abundant and were being shipped promptly to fill the moderately good demand at 41c. to 42c. per pound.

Anilin—Demand for this intermediate stemmed from a wide variety of sources and was reported as strong. Supplies were somewhat on the short side by virtue of the benzol scarcity, but suppliers reported that, for the most part, their customers were able to get sufficient anilin to take care of their immediate requirements. Prices of 14c. per pound in tankcars, 15c. in drum carlots, and 16c. in less than carlot drum quantities were held unchanged.

Anthranilic Acid—Demand was reported at moderately good levels, primarily for the technical grade which was firmly quoted at $1.10 per pound in barrels. The resublimed acid, preferred for certain end uses, was quoted at $2.10 per pound. Supplies were regarded as adequate to meet all consuming demand. This orthoaminobenzoic acid has moved in a steady market at firm prices over many months.

Betahydroxynaphthoic Acid—The abundant naphthalene supply was reflected in ample quantities of this acid, an important intermediate in the manufacture of organic toners and other colors. Prices were firmly held at $1.25 per pound, and there was no change expected to develop in the market. Demand was said to be maintaining the moderately good level which has prevailed over recent months. Since the price of this item did not advance with rising naphthalene prices, it was not expected that it would be reduced as a result of last week's decline in naphthalene.

Broenner's Acid—A steady price position was maintained, unchanged from the $1.34 per pound which has been quoted in the market for many months. Supplies were quite adequate to meet all consuming demand, as a result of the abundant naphthalene supply. Demand for this dyestuffs intermediate was said to be holding up well. Since this acid did not advance with naphthalene price rises, it was not expected that its price would decline with last week's reduction in naphthalene prices.

Cleve's Acid—The mixed acids, consisting of 1-naphthol-5-sulphonic and 1-naphthol-7-sulphonic acids, were priced at 65c. to 66c. per pound. Demand was reported to be well sustained, and shipments were prompt by virtue of the ready availability of the item. The long naphthalene supply situation was indicative of a continued good supply of this dyestuffs intermediate. Since the price of this item did not advance with advancing naphthalene prices, it was not expected that it would decline as a result of last week's naphthalene price reductions.

Dinitrobenzene — Crude material was firmly quoted at 16 cents per pound in barrel quantities. The item was said to be in a well sustained demand with supplies ample to take care of current call.

Phthalic Anhydride — The 4c. per pound lower price levels established on this item late the previous week, were firmly established throughout the industry last week. Supplies were in a long position and business was regarded as highly competitive so that under these conditions, a price spread could not exist in the market. Producers were hoping that the lower price levels would be conducive to additional business, but as yet there was no indication that such would be the case. Any such development, of course, would be slow in coming and lag considerably behind the phthalic price reduction. Immediately following the price reduction of the previous week, last week saw reductions in the price schedules of a wide range of plasticizers covering virtually all phthalates.

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Chlorinated Diphenyl

(Chlorinated Biphenyl, Arochlor)

Adhesives—Additive, adhesion improver, plasticizer in adhesive compositions.

Resinous, viscous ingredient of adhesive compositions.

Electrical—Impregnating agent for braided insulations, cable and wire coatings and in condensers (capacitors) and transformers.

Material which is noninflammable with special dielectric strength, high resistivity, low power factor.

Glass—Carrier for pigments used in glass decorations.

Ink—Resinous, viscous ingredient of mimeograph and rotogravure inks.

Lubricant—Internal lubricant for air compressors (high compression types).

Ingredient of cutting and spindle oils, bearing, extreme pressure, and high-temperature lubricants, and lubricants for governor systems of central power stations and submerged conditions (such as bridge rollers).

Mechanical—Expanding medium in bellows controls and thermostats (offers stability and freedom from gum formation).

Hydraulic fluid for power transmission (permits reduction in size of hydraulic coupling design, has stability under heating and pressure, lubricating qualities, noncorrosiveness, moisture resistance, relative freedom from odor).

Transfer medium in systems using circulating heating or cooling mediums.

Miscellaneous—Impregnating agent for imparting adhesion, resistance to alkalies and other chemicals, flame, gas, and moisture; insulating properties, lubricating qualities.

Impregnating agent for asbestos, brick, concrete, fabrics, paper, wood.

Ingredient of flameproofing, moisture-proofing, waterproofing compositions.

Oils, Fats, and Waxes—Carnauba substitute in wax compositions.

Extender in wax compositions.

Paint, Varnish, and Lacquer—Compounding agent claimed to add valuable properties to paints and varnishes.

Dispersing and grinding medium for pigments.

Plastics—Pigment.

Plasticizer and coplasticizer in coatings, films, and moldings, and plastics materials containing ethylcellulose, nitrocellulose, or vinyl resins.

Printing—Adhesive carrier for bronze powders.

Resin—Coplasticizer for vinyl resins and vinyl resinous films, coatings, and other products.

Dispersing and grinding medium for pigments used in resinous compositions.

Rubber—Flame reducer.

Plasticizer for crepe, natural, and synthetic rubbers, modified rubber finishes.

Resinous fortifier in modified rubber finishes and coatings.

Methylphloroglucinol

Chemical—Suggested as coupling agent in syntheses of organic compounds.

Dye—Suggested as intermediate in making synthetic dyestuffs.

Plastics—Suggested as intermediate in making plastic materials.

Salicylanilide

Textile—Preservative and weatherproofer for various fabrics and other articles.

Sodium Xylenesulphonate

Chemical—Hydrotrope for increasing solubility in water of a wide variety of slightly soluble organic chemicals.

Cellulose Products—Extractant for pentosans and lignin from wood pulp for the production of cellulose with a minimum of degradation (claimed useful also in processing bagasse, ramie, straw, and other natural fibers).

Dry Cleaning—Ingredient of spotting agents.

Leather—Penetrating agent in rewetting and processing hides in tanning.

Miscellaneous—Increase of solubility in water of slightly soluble organic materials.

Water—Assist in removing hard-water scale in aqueous systems.

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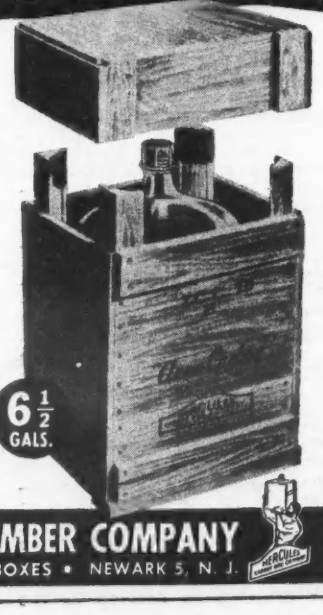

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Obituaries

Arthur G. Cailler

Arthur G. Cailler, proprietor of a brokerage business in his own name in New York, died April 9 at the Claridge hotel, Atlantic City, N. J., while on a visit. He was sixty-three years old.

A native of Messina, Italy, Mr. Cailler came to this country at the age of seventeen. In 1905, at the age of eighteen, he established a brokerage business and had operated it continually for forty-five years until the time of his death. He specialized in lemon orange, peppermint, and spearmint oils, and also menthol.

Donald G. Clark

Donald G. Clark, former director of purchases for the Gulf Oil Corporation, died recently in West Dennis, Mass. He was fifty-eight years old and had retired less than a year ago. Before joining Gulf, he had been purchasing agent and controller for Browne & Sharpe Manufacturing Company, Providence. He was a past president of the National Association of Purchasing Agents.

Roderick W. Smith

Roderick W. Smith, president of the International Printing Ink division of the Interchemical Corporation, New York, died recently of a heart attack at Fort Myers Beach, Fla. He was fifty-five years old. Since 1944, when he became president of the division, he had made his headquarters in New York.

Walter T. Boyer, assistant head of the textile research department of the American Viscose Corporation, at Marcus Hook, Pa., died recently at his home in Ridley Park. He was thirty-four years old.

Leslie H. Carroll, in charge of maintenance and engineering for Parke, Davis & Co., died recently of a heart attack at his home in Grosse Point Park, Mich. He was fifty-eight years old.

William L. Devereaux, entomologist, died April 10 at his home in Rochester, N. Y. He was ninety-seven years old. Although a merchant and farmer, his hobby of natural science and knowledge of the subject earned him a membership in the American Entomological Society.

Walter G. Farr, chief engineer of Congoleum-Nairn, Inc., Kearny, N. J., died April 10 at his home in Brookside, N. J. He was fifty-five years old.

Miss Mae Ferguson, former secretary for Zinsser & Co., Hastings-on-Hudson, died recently at her home in Yonkers, N. Y. She was forty-two years old.

Prof. Vincent J. Fitz-Simon, registrar of Rhode Island College of Pharmacy, and head of its department of pharmaceutical and allied sciences, died in Providence April 11, his seventy-first birthday.

Stephen J. Massey, retired Newark district sales manager of the Esso Standard Oil Company, died April 10 in St. Michael's hospital, Newark. He was sixty-seven years old.

Koppers Company Revises Five Technical Bulletins

Revised editions of the following technical bulletins have been issued by the Koppers Company Chemical Division, Pittsburgh (parenthetical numbers are those of the earlier editions): — General Products, C-9-103 (C-8-103); Plastics Chart, C-0-105 (C-7-105); Polystyrene 3, 7, and 8, C-0-137 (C-8-118); Rainbow bulletin C-0-135 (C-8-132); Resorcinol, C-9-124 (C-8-124).

Copies may be had on application.

Amer. Dyewood Gets French Chestnut Extract Agency

The American Dyewood Company, New York, has been appointed exclusive agent in the United States and Canada for the sale of French type powdered chestnut extract manufactured by Tanins Rey & Progil and Compagnie Francaise des Extraits Tinctoriaux et Tannants, and solid extract made by Etabs Huillard.

Gen. Dyestuff Issues Circular

General Dyestuff Corporation, New York, has published a new circular on "G-641 Sudan Red GGA." The material is described as an oil soluble dyestuff which produces scarlet shades of good tinctorial value of fair to good fastness to light and excellent fastness to heat. Copies of the bulletin may be obtained from the company at 435 Hudson street, New York.

Calco Appoints Hardy Vat Dyes Research Head

Calco Chemical Division, American Cyanamid Company, has appointed Dr. William B. Hardy a sectional director in its chemical research department, in charge of the entire research program in the field of vat dyes. In addition, the division has added H. M. Carleton, P. B. Sheridan, W. H. McCammon, R. I. Kelley, G. L. Smith and M. Papier to the staff of its manufacturing department; G. Marlowe to its chemical engineering department, and S. Sepoci to its process development department.

Hilton-Davis Offers New Naphthol Dyestuff

Hilton-Davis Chemical Company, Cincinnati, Ohio, has added a new naphthol, designated "AS-EL," to its line of naphthol dyestuffs for the textile industry. Available for immediate shipment, the new material is described as a naphthol producing reds and scarlets of "unusual brilliancy, excellent light fastness, and good fastness to chlorine, peroxide and Kier boiling."

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Drugs and Fine Chemicals

Price movements in last week's market for drugs and fine chemicals were confined to reductions in capsicum oleoresin and castor beans and an advance in cocoa butter. The overall stability was reflected in the index, which held firm at 252.7.

Capsicum oleoresin, under the influence of new-crop pepper, was down another 65 cents per pound. Expectations in the trade were that going prices in the market, last week at a range of $2.70 per pound, would narrow at the lower levels with the approach of Summer. Castor beans fell off $1 per long ton. Cocoa butter, however, gained 1½ cents per pound.

Reports of lower prices in acetone were entirely unfounded, a check of individual producers revealed. The 3-cent price spread on tankcar quantities of butadiene, which existed during the entire first quarter, disappeared during the period. Methanol in zone 2, however, which on carloads and tankcars was at a 1½-cent range, continued at a split price. USP zinc oxide steadied at higher levels in the wake of recent advances of one-half cent per pound.

Movement of alcohol, though quiet generally as compared with the late-March rush of business, was reported to be holding its own. The one-cent split on CDA quotations continued, as did ranges of one-half cent and 2 cents per gallon on SDA23H and SDA39B, respectively. However, the one-half cent spread on SDA40, previously noted, disappeared, other makers meeting the low quotation in the market.

Apart from potassium borate, only in moderate call, demand for borax, boric acid and salts was reported excellent. Stocks were good and prices held firm. The local market in agar was unchanged, despite a stronger tone at the source. Natural menthol was similarly steady, although weaker tendencies due to lower replacement costs were noted. Blackstrap molasses was also firm in the face of a strong undertone.

One maker has announced that it has started tankcar production on propyleneglycol and dipropyleneglycol. Natural vitamin A quotations stood fast following recent 20-percent cuts in synthetic acetate and synthetic palmitate.

Market Trends

Prices Advanced

Cocoa butter, 1½c. per lb.

Prices Reduced

Capsicum oleoresin, NF, 65c. per lb.
Castor beans, $1 per long ton.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
252.7	252.7	252.5	254.4	256.2

(For Current Prices see Page 9)

Acetone—Reports of lower prices in the market were entirely unfounded, a check of individual manufacturers revealed last week. Producers remained uniformly at 7½c. per pound for tankcar quantities of CP material. Whatever shading took place, it was said, was probably either for a limited export offering or for a similarly small quantity of distress spot material.

Agar—The source market continued to exhibit a stronger tone last week. However, prices in New York held fast at $1.30 per pound for Kobe No. 1 strip and at $1.65 for 30-mesh powdered material. Demand in this country was said to be a trifle better, but movement in the overall remained sluggish. Stocks were good all around.

Alcohol—Although quiet in the main as compared with the rush experienced during late March, business last week was reported to be holding its own. Some formulas, such as proprietary solvent, were expected to move slowly during the balance of April, due to the large stocks amassed by consumers last month. Call for other specially denatured grades was expected to improve following the post-April 1 buying slowdown, gaining normal levels by month's end.

As to prices, there were some minor adjustments noted in the market during the period. Specially denatured alcohol 40, formerly at a ½c. spread, settled at lower levels, producers quoting 36½c. per gallon uniformly for tankcars. However, completely denatured remained at a range of 37½c. to 38½c. per gallon for tankcars; SDA23H quotations were at a ½c. spread, running from 38c. to 38½c. per gallon, and SDA39B showed a 2c. split, listings ranging from 41½c. to 43½c. per gallon.

Ammonium Biborate—Interest was good during the period, particularly from makers of specialty plastics. Stocks were plentiful all around. The price structure, which on carloads called for $302 per ton, remained firm, and no changes were looked for within the immediate future.

Amonium Pentaborate — Call by television manufacturers, who use the material in the construction of electrolytic condensers, continued heavy last week. Supplies were sufficient to cover all consuming needs. Prices were steady at $212 per ton in carloads.

Borax — Tied in with boric acid, this material paralleled the excellent conditions which prevailed in that market. Demand was good. Stocks were ample. Prices were without variance, and nothing in this connection was known to be in the making, at least, for the balance of the second quarter.

Boric Acid—With housing contractors, the electrical trade, glass makers and manufacturers of porcelain enamel operating at an excellent rate, demand was reported very good last week. Supplies were ample in the face of this steady run of business. Prices held firm, and no changes were anticipated this quarter.

Butadiene—A price spread of 3c. per pound on tankcars, which existed during the entire first quarter, disappeared last week, one producer falling into line with the 9½c. price announced earlier by another maker. The later action, though announced last week, was made retroactive to April 1, matching an earlier second-quarter move by a competitive seller.

Capsicum Oleoresin—Prices were down another 65c. per pound on this NF material last week. The latest reduction widened the spread prevailing in the market, dealers quoting $4 to $6.70 per pound. Recent declines were attributed to the influence of new-crop pepper, and expectations in the trade were that going prices would narrow down at the lower levels with the approach of Summer.

Castor Oil—Beans were down $1 per ton last week, falling to a quotation of $124 per long ton. USP oil, meanwhile, firmed at higher levels in the wake of recent rises. Also of interest was the report that Brazil's 1949 crop of castor beans was smaller than that of the previous year. The total output of beans last year amounted to 199,000 metric tons, as against 231,000 tons in 1948. Bahia lead with 50,000 tons, followed by Sao Paulo, 48,000 tons, and Ceara, 38,000 tons.

Imports of beans last week totaled 26,699 bags, equivalent to 4,004,850 pounds, compared with 1,983 bags, equal to 297,450 pounds, during the previous week and arrivals of 5,430 bags, or 814,500 pounds, during the corresponding week in 1949.

Total importations of beans since January 1, 1950, amount to 455,478 bags, or 68,321,700 pounds, as against arrivals of 719,118 bags, equal to 107,867,700 pounds, during the corresponding period in 1949.

Cocoa Butter — Reflecting further strength in the commodity market, butter gained another 1½c. per pound last week. Dealers quoted 47½c. to 51c., the wideness of the spread indicating that the material was likely to go higher.

Dimethyl Chloroacetal — The price structure was steady last week, as follows:—Carload, 53c.; less carload, 55c., and tankcars, 51c. per pound. All quotations are on an f.o.b. works basis.

Ester Solvents — Fermentation amyl acetate continued at a spread of 3c. per pound last week, tankcars ranging from 15c. to 18c. Though there was still a very strong possibility of the market stabilizing at the higher figure, nothing in this connection had developed by Friday's close. The price position of other ester solvents remained unchanged, listings holding firm and nothing known to be in the making. Demand continued at its previously excellent pace. Stocks were plentiful all around.

Gelatin — The Bureau of Census reported total gelatin production in February at 2,986,771 pounds, which compares with 2,986,165 pounds turned out in January and 2,710,478 pounds in December, 1949. Total shipments in February amounted to 2,868,632 pounds, as opposed to 2,870,290 pounds in January and 2,067,511 pounds in December, 1949. Stocks at the close of February amounted to 6,514,030 pounds, as against 6,395,891 pounds on hand on January 31 and 6,-

For Late Market Developments, See Page 4

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280,016 pounds held on December 31, 1949.

Ginger Oleoresin — Prices held steady during the period at $7.50 to $8.40 per pound for African and at $9.50 per pound for Jamaican.

Ketone Solvents — Consumer inquiry was good during the period. Supplies were ample in the face of current demand. Prices held firm, methylethyl in tankcars holding at 9c. and methylisobutyl keeping at 11c. per pound, tankcars.

Menthol — Although the market was reported to have weaker tendencies last week owing to lower replacement costs, prices on natural remained unchanged at $10.15 to $10.25 per pound. The supply situation on spot Brazilian material, tight for some weeks past, was said to be improving slightly. Some material has already arrived and more is enroute. Demand continued on the dull side.

Methanol—Quotations in zone 2 on carloads and tankcars continued at a spread of 1½c. per gallon last week. Tankcars were priced at 29½c. to 31c. Material, meanwhile, moved in fair volume. Stocks were plentiful all around.

Methylal — Movement was steady, though limited, during the period. Stocks were in ready availability. Prices held steady, tankcars bringing 9c. per pound.

Milk Powder — Prices were steady. Supplies were reported more than ample for the fair demand. Buying was largely for immediate needs. CCC support purchases for March 30-April 5, inclusive, totaled 6,152,570 pounds of spray process skimmed milk powder at 12½c. per pound and 2,664,441 pounds of roller process at 10½c. Government purchases of skimmed milk powder this year to date amounts to 95,562,852 pounds, as against 84,758,303 pounds bought during the corresponding period of 1949.

Molasses — The market continued to have a strong undertone last week, but quotations on blackstrap in both New York and New Orleans held fast. Demand was excellent. Supplies were regarded as sufficient to cover current consuming requirements. In New York, tankcars brought 8c. per gallon, while in New Orleans the price was 7c.

Paraformaldehyde—Prices on powdered continued at a spread in the New York metropolitan area, but were uniform elsewhere in the country. The carload price in New York ranged from 15½c. to 16¾c. per pound, delivered, while elsewhere the listing was 13c. per pound, f.o.b. works. Flake was at 11c., works, or 13½c. per pound, delivered New York.

Propyleneglycol — One maker has announced that it has started tankcar production on both propyleneglycol and dipropyleneglycol. The additional commercial output, of course, insured continued excellence in the overall supply position. Prices were firm at 16c. and 15c. per pound on tankcar quantities of NF and technical grades of propyleneglycol,

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respectively, and at 13c., tankcars, on dipropyleneglycol.

Potassium Borate — Demand for this material, used primarily in special welding fluxes, was steady, though not particularly strong, last week. Supplies were more than ample in the face of current moderate demand. Prices were steady, carloads holding at $192 per ton.

Sodium Metaborate—Interest, particularly by makers of photographic supplies and adhesives, was good during the period. Stocks were plentiful all around. Prices were steady, octa-hydrate in carloads bringing $73 per ton and tetrahydrate in carloads at $184.50 per ton.

Vinyl Ethers—Prices were steady during the period. Technical butylether, technical ethylether, technical isobutylether and methylether in tankcars were all at 27c. per pound, f.o.b. works. Anesthesia divinylether in 50 cc. bottles was quoted at $1 per bottle to hospitals.

Vitamin A — Synthetic acetate and synthetic palmitate firmed at 24c. per million units last week following recent cuts of 20 percent. With the market on crude, prime and concentrated fishliver oil holding fast, producers of natural vitamin A stood pat. There were some in the trade who were of the opinion that quotations on natural, lowered 2c. per million units only recently, would be reduced further to meet the added competition from synthetic, but as of press time nothing in this connection had materialized.

Zinc Oxide—Prices on USP material steadied at higher levels in the wake of recent advances of ½c. per pound. The new schedules, which are on a delivered basis, call for an increased differential between carload and less-carlot listings. Current quotations are at 14¾c. per pound, carload, and at 15¾c. per pound, less carload.

Glycerin Standards Revised

The Glycerine Information Service has reported than the United States Pharmacopoeia XIV, which will be published shortly, contains revised standards for glycerin. For the most part, the bureau says, these standards remain as in previous editions, with one notable exception—a test for chlorinated compounds is now included. The test, the bureau explains, is carried out by refluxing the sample of glycerin with morpholine for three hours and then acidifying with nitric acid. The turbidity produced by the addition of silvernitrate is then compared with a blank containing a known quantity of hydrochloric acid.

Publicker Assigns Two

Frank E. Bennett, eastern divisional sales manager of the Publicker Alcohol & Chemical Sales Corporation, has announced the appointment of two new salesmen for the New York metropolitan area. The men, Daniel Bosnick and Joseph Augello, will make their headquarters at 20 Jay street, Brooklyn.

U.S. Testing Moves N.Y. Office

United States Testing Company, Hoboken, N. J., has moved its New York offices to the McGraw-Hill building, 330 West Forty-second street. The new office will be managed by Thomas C. Ridgway, of the company's service division. The New York office was formerly located at 1450 Broadway.

Trade Briefs

Wyeth, Inc., Philadelphia, has commenced marketing "Estradiol Membrettes, 0.25 mg." as an addition to its hormone line.

United States Rubber Company has appointed Fred O. Thorton sales manager of drug sundries, water wear and specialties.

Jones & Laughlin Steel Corporation, Pittsburgh, has awarded a contract to construct fifty-nine coke ovens at its Aliquippa,, Pa., works to Koppers Company.

Leland I. Doan, president of the Dow Chemical Company, was recently presented with a congratulatory letter signed by over 5,000 employees on the occasion of his first anniversary as president of the company.

Stuart Hutchins has been appointed assistant sundries buyer in the New York office of McKesson & Robbins, Inc., to succeed William H. Allen, who has been named sundries manager of the Chicago division.

Abbott Laboratories, North Chicago, Ill., will hold conventions for its sales force at the Waldorf-Astoria hotel, New York, on July 15 and 16; the Palmer House, Chicago, on July 21 and 22, and the Fairmont hotel, San Francisco, on July 30 and 31.

Gane & Ingram Names Midwest Sales Agent

Gane & Ingram, New York, has appointed the DeLamar-Hendrey Chemical Company, Chicago, midwestern sales representative. The DeLamar-Hendrey organization, which has its headquarters at 461 West Erie street, Chicago, will handle the New York firm's full line of medicinal chemicals for the manufacturing drug trade. Coincidentally, Gane & Ingram, Inc., has issued a new price list, containing over ninety listings, including alkaloids, barbiturates, bile acids, menthol, rutin, paraaminobenzoic acid and paraaminosalicylic acid.

Monsanto Establishes Food Technology Lab at Anniston

Monsanto Chemical Company, St. Louis, Mo., has established a food technology laboratory at Anniston, Ala., to investigate the application of chemicals in the food industry. A company wide advisory committee has been appointed to guide the work, with H. V. Moss, assistant research director at Anniston, as chairman.

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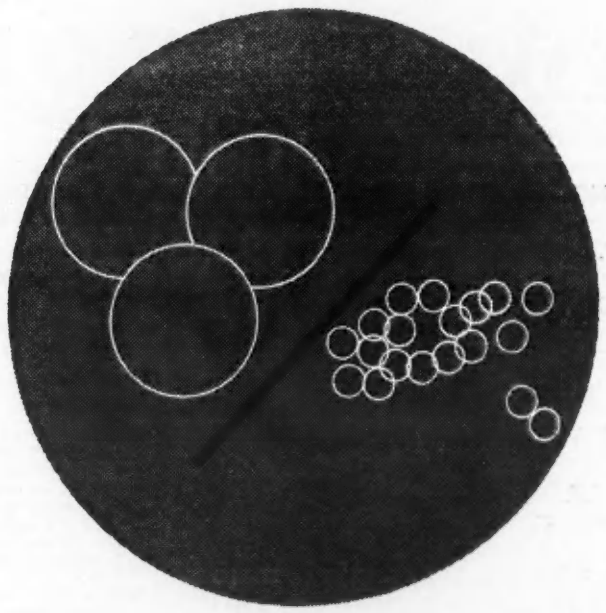

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N.Y. Paint Club Nominates H.C. Soffer for President

The nominating committee of the New York Paint, Varnish and Lacquer Association has proposed Harry C. Soffer, Cheesman-Elliot Company for president. Other nominees named by the group are:—vice-president, M. H. Corbin, Standard Varnish Works; secretary, C. Ernest Seghers jr., Pittsburgh Plate Glass Company, and treasurer, Hendrick E. Hendrickson, S. Winterbourne & Co. Proposed for two-year terms on the executive committee are:—Carl Iddings, Iddings Paint Company; W. G. Randolph, Randolph Products Company, and J. P. Surtoc, E. I. du Pont de Nemours & Co.

L. A. Paint Technicians Discuss Amino Resins

The Los Angeles Paint and Varnish Production Club heard a discussion of "Amino Resins" by Charles Thurmond, Monsanto Chemical Company, at its recent meeting at Scully's Cafe. Mr. Thurmond reviewed the history of urea and melamine synthesis; presented elementary formulas showing the chemical synthesis of urea and melamine, and discussed the properties of various available resins and how they react to form the films to which they are applicable.

Phila. Paint Technicians Plan April 19 Meeting

L. F. Andrews, E. I. du Pont de Nemours & Co., will speak on "The Formulation of Copper Phthalocyanine Finishes" at a meeting of the Philadelphia Paint and Varnish Production Club, to be held at the Engineers Club on April 19. The organization has announced that golf outings will be held on April 26 at the du Pont Country Club; May 24 at the Sandy Run Country Club, and June 22 at the Plymouth Country Club.

Glass Container Shipments Down

The total shipment of narrow-neck glass containers in gross in February was 3,954,031, as compared with 4,267,101 in January, according to the Bureau of Census. In this category the amount used for medicinal and health purposes was 971,824 in February, against 1,273,864 in January; chemicals, 547,442 in February against 560,320 in January; toiletries, 438,629 in February against 411,427 in January.

The total shipment of wide-mouth glass containers in gross in February was 2,746,702, as compared with 3,112,193 in January. In this category, the amount used for medicinal and health was 257,955 in February, against 301,936 in January; chemicals, 121,264 in February, against 109,141 in January; toiletries, 131,695 in February against 139,886 in January.

Vitamin E Use In Liquid Petrolatum Approved

The USP committee of revision has amended the USP standards for liquid petrolatum to authorize the addition of vitamin E for stabilization purposes. The use of vitamin E for reinforcing and stabilizing white mineral oil is covered by patents held by L. Sonneborn Sons, Inc., New York, which has offered to grant royalty-free licenses to use vitamin E under the patent where such products are required by United States government regulations to be of USP quality.

Glidden Appoints Fulton West Coast Paint Div. Head

The Glidden Company, Cleveland, has appointed L. S. Fulton manager of its west coast paint division to succeed Z. G. Peck, who has retired after thirty years with the company. Mr. Fulton, who joined the company in 1920, formerly served as director of regional distribution in its Cleveland headquarters. He has also served as auditor of retail stores, assistant to the president, and regional director of the St. Louis division.

Trade Briefs

Wilbur & Williams Company, Boston, has commenced marketing a new vinyl coating for concrete floors.

Socony-Vacuum Oil Company, New York, has announced that its "S/V Foamrex S" is being successfully utilized by the paint industry as a defoamant in water-base paints.

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ALOES—37 cs, Karl H Landes, Inc, Robin Kirk, Capetown
AMMONIUM CARBONATE—20 cs, Hudson Shipping Co, American Traveler, Liverpool
PERSULPHATE—30 kgs, F W Berk & Co, American Miller, London
SULPHATE—20 dms, J T Baker Chemical Co, Agwidale, Havana
ANILIN COLORS—2 cks, General Dyestuff Corp, Amsteldyk, Rotterdam
2 cs, General Dyestuff Corp, Amsteldyk, Rotterdam
15 dms, Irving Trust Co, Britannic, Liverpool
3 dms, Hensel Bruckmann & Co, American Attorney, Amsterdam
ANISE—158 bgs, William G Scarlett & Co, Excambion, Beirut
ANTIMONY, CRUDE—70 cks, Marks & Coyle, Bolivia, Copenhagen
ORE—1,438 bgs, Philipp Bros Chemicals, Inc, Santa Barbara, Antofagasta
REGULUS—523 bgs, Marine Midland Trust Co, Exceller, Rijeka
248 bgs, Chase National Bank, Exceller, Rijeka
800 cs, S W Hampton Jr & Co, Vibeke Maersk, Antwerp
ARABIC GUM—100 bgs, Tragacanth Import Co, Exhibitor, Port Sudan
250 bgs, Henry Heide, Inc, Exhibitor, Port Sudan
152 bgs, Paul A Dunkel & Co, Exhibitor, Port Sudan
254 bgs, Meer Corp, Exhibitor, Port Sudan
205 bgs, Stein, Hall & Co, Exhibitor, Port Sudan
500 bgs, Jacques Wolf & Co, Exhibitor, Port Sudan
250 bgs, Innis, Speiden & Co, Exhibitor, Port Sudan
254 bgs, Exhibitor, Port Sudan
282 bgs, African Patriot, Monrovia
ARGOLS—200 bgs, Exceller, Venice
ARSENIC—98 bbls, Elbert & Co, San Miguel, Lisbon
200 dms, Industrial Sales Corp, Amsteldyk, Antwerp
80 bbls, Leonard J Buck, Inc, Sparreholm, Gothenburg
METALLIC—40 dms, Charles Tennant Sons & Co, Wells City, Avonmouth
ASBESTOS FIBER—1,360 bgs, Johns Manville Co, Robin Kirk, Beira
CEMENT WASTE—5 cs, J J Murphy Co, American Traveler, Manchester
12 bgs, J J Murphy Co, American Traveler, Manchester
BEESWAX—10 bgs, Machado & Co, Dorothy, Puerto Plata
25 bgs, Schutte & Focke Co, Dorothy, Cuidad Trujillo
50 bgs, Geck Trading Corp, Dorothy, Cuidad Trujillo
37 bgs, Curacao Trading Co, Dorothy, Ciudad Trujillo
274 bgs, Hudson Shipping Co, Celestial, Rio de Janeiro
32 bgs, Brown Bros, Harriman Co, Canche, Port au Prince
10 bgs, General Import Distrib Co, Agwidale, Havana
243 bgs, Will & Baumer Candle Co, Santa Barbara, San Antonio
100 bgs, Samuel Zeitlins Sons, Mormachawk, Santos
BELLADONNA LEAVES—10 bls, Biddle Sawyer Corp, Kornat, Rijeka
BENZOIN GUM — 1 pcl, Internatio Rotterdam, inc, Hoegh Silvercloud, Singapore
BERYL ORE—1,500 bgs, Bank of Manhattan Co, Mormachawk, Victoria
400 bgs, South American Minerals & Merchandise Corp, Celestial, Fortaleza
BISMUTH—39 cs, Cerro de Pasco Copper Corp, Santa Barbara, Callao
72 cs, Philipp Bros Co, Kornat, Rijeka
BONES—802 bgs, Anewalt Schmitt Co, Fredrika, Buenos Aires
BUCHU LEAVES—10 bls, John Holt Co, African Crescent, Capetown
4 bls, Karl H Landes, Inc, Robin Kirk, Capetown
BUTTONLAC—100 bgs, Gillespie-Rogers-Pyatt Co, City of Perth, Calcutta
100 bgs, Colony Import & Export Co, City of Perth, Calcutta
BUTYL TITANATE—1 cs, Charles Tennant & Sons Co, Britannic, Liverpool
CADMIUM, METALLIC—121 cs, American Union Transport Co, Sally Maersk, Kobe
CAMPHOR OIL—5 dms, Orbis Products Corp, Pioneer Dale, Kobe
1 cs, E I Du Pont de Nemours Co, Pioneer Dale, Kobe
1 cs, Hercules Powder Co, Pioneer Dale, Kobe
WHITE—72 dms, Norda Essential Oil & Chemical Co, Sally Maersk, Honk Kong
15 dms, Melanol Corp, Sally Maersk, Keelung
10 dms, Felton Chemical Co, Sally Maersk, Keelung
POWDER—1 cs, G A Beling Co, Pioneer Dale, Kobe
CAPSICUMS—114 bgs, H M Newhall & Co, African Patriot, Lagos
2 bls, Kelly's American, Ltd, American Shipper, London
CARAWAYSEED—300 bgs, C M Van Sillevoldt Co, Vibeke Maersk, Rotterdam
150 bgs, M J Golombeck Co, Vibeke Maersk, Rotterdam
250 bgs, Louis Furth, Inc, Vibeke Maersk, Rotterdam
150 bgs, Levy & Levis Co, Vibeke Maersk, Rotterdam
42 bgs, Levy & Lewis Co, Excambion, Beirut
47 bgs, Knickerbocker Mills, Excambion, Beirut
200 bgs, M J Golombeck Co, Amsteldyk, Rotterdam
CARDOMOM—40 cs, William Martin Co, President Jefferson, Colombo
10 cs, Chemical Bank & Trust Co, President Jefferson, Bombay
30 cs, William E Martin Co, Exhibitor, Mangalore
14 cs, William E Martin Co, City of Worcester, Tuticorin
14 cs, William E Martin Co, City of Perth, Colombo
CARNAUBA WAX—56 bgs, Strohmeyer & Arpe Co, Celestial, Rio De Janeiro
56 bgs, Wessel Duval & Co, Celestial, Fortaleza
100 bgs, A V Berner Co, Celestial, Fortaleza
3,020 bgs, Westinghouse Electric Co, Celestial, Fortaleza
111 bgs, Frank B Ross Co, Celestial, Fortaleza
56 bgs, Wax & Rosin Products Co, Celestial, Fortaleza
111 bgs, Smith & Nichols Co, Celestial, Fortaleza
112 bgs, Colonial Trust Co, Celestial, Fortaleza
111 bgs, Stein Hall & Co, Celestial, Fortaleza
55 bgs, E A Bromund Co, Celestial, Fortaleza
111 bgs, Innis Speiden Co, Celestial Forteleza
111 bgs, Strohmeyer & Arpe, Celestial, Fortaleza
222 bgs, Wessel Duval & Co, Celestial, Fortaleza
CARNAUBA WAX—322 bgs, Manufacturers Trust Co, Celestial, Fortaleza
34 bgs, J W Hanson Co, Mormachawk, Rio De Janeiro
264 bgs, Frank B Ross Co, Fredrika, Bahia
CASEIN—3,000 bgs, Hercules Powder Co, Brazil, Buenos Aires
2,000 bgs, Eugene Lang, Inc, Brazil, Buenos Aires
3,000 bgs, Crawford Co, Brazil, Buenos Aires
1,340 bgs, Borden Co, Chemical Div, Brazil, Buenos Aires
1,000 bgs, American Cyanamid Co, Brazil, Buenos Aires
300 bgs, Agro Products Corp, Brazil, Buenos Aires
900 bgs, T J Kane Co, Brazil, Buenos Aires
400 bgs, Paul A Dunkel & Co, Vibeke Maersk, Rotterdam
CASHEW NUT OIL—79 dms, Irvington Varnish & Insulator Co, Exhibitor, Mangalore
158 dms, Jacques Missir Co, Exhibitor, Mangalore
CASSIA—336 bls, Charles T Wilson Co, Sally Maersk, Hong Kong
125 bls, C M Van Sillevoldt Co, Sally Maersk, Hong Kong
200 bls, Knickerbocker Mills Co, Sally Maersk, Hong Kong
230 bls, Karl H Landes Inc, Pioneer Dale, Hong Kong
200 bls, Gillespie & Co, Pioneer Dale, Hong Kong
200 bls, Arthur G Dunn, Pioneer Dale, Hong Kong
22 bls, Karl H Landes Inc, President Grant, Hong Kong
125 bls, C M Van Sillevoldt & Co, President Grant, Hong Kong
200 bls, Knickerbocker Mills Co, President Grant, Hong Kong
CASTORBEANS—1,693 bgs, Chase National Bank, Fredrika, Bahia
1,693 bgs, Baker Castor Oil Co, Fredrika, Bahia
3,387 bgs, Spencer Kellogg & Sons Co, Fredrika, Bahia
4,080 bgs, Baker Castor Oil Co, Mormachawk, Santos
8,500 bgs, Spencer Kellogg & Sons Co, Gerd, Bahia
1,097 bgs, Chase National Bank, Canche, Port Au Prince
1,343 bgs, Baker Castor Oil Co, Canche, Port De Paix
1,693 bgs, Chase National Bank, Horda, Cabedello
1,520 bgs, Baker Castor Oil Co, Celestial, Fortaleza
1,693 bgs, Spencer Kellogg & Sons Co, Celestial, Fortaleza
OIL—252 dms, Brown Oil & Chemical Corp, Gerd, Santos
CELERYSEED—167 bgs, Arthur G Dunn, Hoegh Silvercloud, Bombay
CEMENT—12 bgs, Thomas Ship Repair Co, American Shipper, London
3 dms, Thomas Ship Repair Co, American Shipper, London
CHEMICALS—1 cs, S B Penick & Co, Amsteldyk, Rotterdam
CHILI PEPPER—14 bgs, Chemical Bank & Trust Co, Canche, Port Au Prince
CHILLIES—35 bgs, Becker Mayer Seed Co, African Patriot, Lagos
124 bgs, Rolf Darwick Co, African Patriot, Lagos
67 bgs, Societe Generale, African Patriot, Lagos
46 bgs, Societe Generale, African Patriot, Lagos
29 bgs, Bunge Corp, Exhibitor, Djibouti
CHINA CLAY—700 bgs, English China Clay Sales Corp, Wells City, Avonmouth
CHOLIC ACID—1 cs, Bio Process Co, Jutlandia, Copenhagen
CHROME ORE—894 tons, Frank Samuel Co, Robin Kirk, Lourenco Marques
CINNAMON LEAF OIL—54 dms, Simpson Spence & Young Co, American Miller, London
QUILLS—106 bls, W Bernstein Co, City of Perth, Colombo
200 bls, Louis Furth Co, President Jefferson, Colombo
CITRONELLA OIL—12 dms, Norda Essential Oil & Chemical Co, Sally Maersk, Hong Kong
11 dms, Norda Essential Oil & Chemical Co, Sally Maersk, Keelung
11 dms, Givaudan-Delawanna, Inc, Pioneer Dale, Hong Kong
6 dms, International Fertilizers & Chemical Corp, American Shipper, London
25 dms, Norda Essential Oil & Chemical Co, President Grant, Hong Kong
CLAY—354 bgs, American Lead Pencil Co, American Shipper, Bremen
CLOVES—100 bls, Bank of Manhattan Co, African Crescent, Zanzibar
500 bls, Chemical Bank & Trust Co, African Crescent, Zanzibar
500 bls, Irving Trust Co, African Crescent, Zanzibar
300 bls, Manufactures Trust Co, African Crescent, Zanzibar
515 bls, African Crescent, Zanzibar
COCOA RESIDUE—1,440 bgs, Monsanto Chemical Co, Kaituna, Dunedin
CODLIVER OIL—267 dms, E F Drew & Co, Fort Townshend, St Johns
50 dms, Vitaron Chemicals Co, Fort Townshend, St Johns
50 cks, E F Drew & Co, Fort Townsend, St Johns
1 bbl, E F Drew & Co, Fort Townsend, St Johns
34 dms, Danca Export Import Co, Bolivia, Copenhagen
COLUMBITE ORE—840 bgs, Union Carbide & Carbon Co, African Patriot, Lagos
COPAL GUM—30 bgs, Gillespie Rogers-Pyatt Co, Sally Maersk, Manila
192 bgs, W H Scheel, Inc, Sally Maersk, Manila
160 bgs, S Winterbourne & Co, Sally Maersk, Manila
185 bgs, S Winterbourne & Co, Sally Maersk, Manila
36 bgs, O G Innes Corp, President Jefferson, Manila
104 bkts, W H Scheel, Inc, American shipper, London
CORIANDER OIL— 5 cs, Felton Chemical Co, Amsteldyk, Rotterdam
CREAM OF TARTAR—100 bbls, F H Taussig, Excambion, Genoa
CRESYLIC ACID—110 dms, Bakelite Corp, American Traveler, Manchester
113 dms, W D Neuberg Co, American Traveler, Liverpool
200 dms, Schenectady Varnish Co, American Traveler, Liverpool
250 dms, Britannic, Liverpool
CUMINSEED—250 bgs, Khorovschahi Co, President Jefferson, Karachi
CYANIDE PRECIPITATE—10 cs, American Metal Co, Santa Barbara, Puna
DAMMAR GUM—70 bgs, O G Innes Corp, President Jefferson, Singapore
DANDELION ROOT—20 bls, J L Hopkins & Co, Amsteldyk, Antwerp
DEXTRIN—89 bgs, Bank of Manhattan Co, Amsteldyk, Rotterdam
DILLSEED — 129 bgs, Hershey Co, Mormacmail, Copenhagen
DIVI DIVI—1,118 bgs, Selma Mercantile Corp, Helicon, Curacao
DRUGS, CRUDE—23 bgs, S B Penick & Co, President Jefferson, Bombay
ELEMI GUM—28 cs, Gillespie-Rogers-Pyatt Co, Sally Maersk, Manila
ERGOT—1 cs, Lo Curto & Funk Co, American Miller, London
40 bgs, F W Berk & Co, American Shipper, London
EUCALYPTUS LEAVES—100 bls, S B Penick & Co, San Miguel, Lisbon
OIL—6 dms, Lo Curto & Funk Co, Sally Maersk, Keelung
11 dms, Orbis Products Corp, Sally Maersk, Keelung
6 dms, Sally Maersk, Keelung
23 dms, Pioneer Star, Melbourne
CITRIODORA—6 dms, Lo Curto & Funk Co, African Crescent, Mombasa
FENNELSEED—40 bgs, Transatlantic Commodities Corp, Excambion, Marseilles
FERRO TUNGSTEN — 112 dms, Chase National Bank, Britannic, Liverpool
VANADIUM—200 cs, Philipp Bros, Sally Maersk, Kobe
FISHLIVER OIL—9 dms, Consumers Import Co, Sally Maersk, Yokohama
MEAL—730 bgs, Fishery Products Co, Swivel, Burin
FULLERS EARTH—400 bgs, L A Salomon & Bros, Wells City, Avonmouth
GARLIC OIL—4 ctns, Brown Bros Harriman Co, Excambion, Alexandria
GENTIAN ROOT—31 bgs, Bastia, Marseilles
GINGER ROOT—282 bgs, Berwick & Co, African Patriot, Lagos
280 bgs, Chemical Bank & Trust Co, African Patriot, Lagos
188 bgs, Mincing Trading Corp, American Shipper, London
200 cks, Biddle Sawyer Corp, Pioneer Dale, Hong Kong
GLUE—500 bgs, Jung Forwarding Co, Wells City, Avonmouth
STOCK—100 bls, Agwidale, Havana
GLYCERIN—189 dms, C J Schellings & Co, Jutlania, Copenhagen
138 tons, Procter & Gamble Co, Sally Maersk, Manila
GRAINS OF PARADISE—11 bgs, Manufacturers Trust Co, African Patriot, Lagos
GRAPHITE — 500 bgs, Asbury Graphite Mills, American Miller, London
500 bgs, Asbury Graphite Mills, American Traveler, Liverpool
GYPSUM, CRUDE—10,261 tons, U S Gypsum Co, Gypsum Queen, Hantsport
HAWTHORN BERRIES—5 bgs, S B Penick & Co, San Miguel, Lisbon
HENNA LEAVES—34 bls, J L Hopkins & Co, Exhibitor, Port Sudan
HO OIL—9 dms, Norda Essential Oil & Chemical Co, Sally Maersk, Hong Kong
HYDROCARBON OIL—1 cs, E B Badger & Sons Co, Wells City, Avonmouth
IPECAC ROOT—9 bgs, Wessel Duval & Co, Santa Paula, Cartagena
IRON ORE—6,400 tons, Ferguson Wild, Vernicos Nicolaos, Abuzenima
KAMALA POWDER—23 bgs, R J Prentiss & Co, President Jefferson, Bombay
KARAYA GUM—307 bgs, Jacques Wolf & Co, President Jefferson, Bombay
333 bgs, Grumar Co, President Jefferson, Bombay
861 bgs, Block Drug Co, President Jefferson, Bombay
246 bgs, P A Dunkel & Co, President Jefferson, Bombay
214 bgs, Stein, Hall & Co, President Jefferson, Bombay
LEAD, VIRGIN—45,807 ingots, Philipp Bros Chemicals, Kornat, Rijeka
4,432 pcs, American Union Transport Co, Sally Maersk, Kobe
906 pcs, American Union Transport Co, Sally Maersk, Yokohama
LEMON OIL—49 cs, Lo Curto & Funk Co, Mormachawk, Santos
LEMONGRASS OIL—4 dms, Givaudan-Delawanna, Inc, Canche, Port au Prince
12 dms, Givaudan-Delawanna, Inc, Exhibitor, Cochin
LIGNITE—4 cs, Carr Bros Co, Excambion, Piraeus
LIME OIL—9 cs, Neuman Buslee & Wolfe, Inc, Brazil, Port of Spain
LOCUST BEAN GUM—128 bgs, Bank of New York & Fifth Ave, San Miguel, Lisbon
MACE—852 lbs, Charles T Wilson & Co, City of Perth, Colombo
56 cs, Charles T Wilson & Co, Hoegh Silvercloud, Colombo
MAGNESITE — 1,500 bgs, Golwynne Chemical Corp, Exhibitor, Madras
4 bls, S J Lavino & Co, American Attorney, Amsterdam
MEDICINAL HERBS—23 bls, S B Penick & Co, Amsteldyk, Antwerp
ROOT—1 cs, Lee Herman, American Shipper, London
MENTHOL—10 cs, Dodwell & Co, Pioneer Dale, Hong Kong
20 cs, China Trade & Industrial Service, Inc, Pioneer Dale, Hong Kong
100 cs, Vick Chemical Co, Mormachawk, Santos
METHOXONE—1 dm, Chipman Chemicals, Inc, Britannic, Liverpool
N-BUTYL ESTER—2 dms, Chipman Chemicals, Inc, Britannic, Liverpool
MOLASSES — 424,353 gals, Instituto Cubano de Estab del Azuar, Dean H San Ramon
1,279,957 gals, Instituto Cubano de Estab del Azuar, Dean H Santiago
MOLYBDENITE — 59 dms, Penson & Co, Sally Maersk, Keelung
8 dms, Chase National Bank, Sally Maersk, Yokohama
MULLEIN LEAVES—40 bls, R J Prentiss & Co, Exhibitor, Algiers
MYRRH GUM—27 bgs, R D Heins Co, Exhibitor, Aden
NAPHTHENE—1,334 bgs, American Cyanamid Co, Wells City, Avonmouth
2,500 bgs, Commercial Steel & Chemical Corp, American Attorney, Rotterdam
900 bgs, American Union Transport Co, Amsteldyk, Rotterdam
NAPHTHENIC ACID—100,900 gals, Stanco, Inc, Esso New Orleans, Aruba
NIGERSEED—200 bgs, Hartz Mountain Products Co, City of Worcester, Vizagapatam
NUTMEGS—60 bgs, Getz Import Corp, President Jefferson, Singapore
42 bgs, Sembodja Corp, President Jefferson, Singapore
27 bgs, Charles T Wilson & Co, City of Perth, Colombo
OCOTEA CYMBARUM OIL—32 dms, Norda Essential Oil & Chemical Co, Gerd, Itajai
23 dms, Orbis Products Co, Gerd, Itajai
OLIVE OIL—250 dms, Trade Bank & Trust Co, Excellency, Seville
50 cms, Grace National Bank, Excellency, Seville
497 cms, Manufacturers Trust Co, Excellency, Seville
250 dms, Central Hanover Bank & Trust Co, Excellency, Seville
150 dms, Public National Bank & Trust Co, Excellency, Seville
75 dms, Hellenic Bank & Trust Co, Excellency, Seville
75 dms, Excellency, Seville
98 dms, Bank of Manhattan Co, Excellency, Seville
930 dms, Chemical Bank & Trust Co, Excellency, Seville
1,200 dms, Smith Weihman Co, Alcoa Pioneer, Sfax
50 dms, Norport Co, Alcoa Pioneer, Sfax
97 dms, Strohmeyer & Arpe, Alcoa Pioneer, Sfax
932 dms, Exhibitor, Sfax
OPOPANAX GUM—20 bgs, R D Heins Co, Exhibitor, Aden
ORRIS ROOT—50 bgs, R J Prentiss & Co, Excambion, Napies
OURICURY WAX—193 bgs, J W Hanson Co, Mormachawk, Rio de Janeiro
56 bgs, Frank B Ross Co, Mormachawk, Rio de Janeiro
112 bgs, Strahl & Pitsch Co, Fredrika, Bahia
224 bgs, Smith & Nichols Co, Fredrika, Bahia
63 bgs, Wessel, Duval & Co, Fredrika, Bahia
112 bgs, 1st National Bank Boston, Fredrika, Bahia
80 bgs, Stein Hall & Co, Fredrika, Bahia
OX GALL CONCENTRATE—4 dms, Bio Process Co, Jutlandia, Copenhagen
POWDER—1 dm, Bio Process Co, Jutlandia, Copenhagen
PALO SANTO OIL—73 cs, Charles Tennant & Sons Co, Brazil, Buenos Aires
PAPAIN—40 cs, Charles L Huisking & Co, African Crescent, Tanganyika
12 cs, National City Bank, African Crescent, Mombasa
10 cs, Charles L Huisking & Co, African Crescent, Mombasa
18 cs, Rafael Del Castello, President Jefferson, Colombo
65 cs, American Ferment Co, City of Perth, Colombo
PAPRIKA—300 bgs, R F Downing Co, Excellency, Alicante
200 bgs, M A Porazzi Co, Excellency, Alicante
25 cs, M A Porazzi Co, Excellency, Alicante
250 bgs, A A Sayia Co, Excellency, Alicante
1,025 bgs, J Weinstein Co, Excellency, Alicante
950 bgs, Excellency, Alicante
35 cs, Excellency, Alicante
325 bgs, H Marmorek Co, Bastia, Alicante
300 bgs, Worm Bros Co, Bastia, Alicante
350 bgs, R T French Co, Basia, Alicante
520 bgs, M Porazzi & Co, Bastia, Alicante
100 bgs, L Mueller Trading Corp, Bastia, Alicante
1,015 bgs, Exceller, Rijeka
248 bgs, Chemical Bank & Trust Co, Exceller, Rijeka
PARACRESOL—12 dms, H A Gogarty Co, American Traveler, Liverpool
PATCHOULI OIL—2 dms, Magnus, Mabee & Reynard, Inc, Hoegh Silvercloud, Penang
3 cs, Belgo Aromatic Co, Queen Mary, Southampton
PEATMOSS—1,525 bls, Premier Peatmoss Corp, Mormacdale, Gdynia
1,325 bls, New Amsterdam Import Co, Vibeke Maersk, Bremerhaven
3,738 bls, Premier Peatmoss Corp, American Traveler, Dublin
4,500 bls, Premier Peatmoss Corp, Mormacmail, Gdynia
PENICILLIN—1 cs, Charles Pfizer Co, Bastia, Lisbon
PEPPER, BLACK—80 bgs, Stein, Hall & Co, President Jefferson, Bombay
80 bgs, J H Schroder Co, President Jefferson, Bombay
80 bgs, Manufacturers Trust Co, President Jefferson, Bombay
160 bgs, Bansidhar Gopaldas, President Jefferson, Bombay
80 bgs, President Jefferson, Bombay
240 bgs, Reuben Import Export Co, President Jefferson, Genoa
480 bgs, President Jefferson, Genoa
170 bgs, Balex Co, Hoegh Silvercloud, Beirut
80 bgs, D Hecht Co, Hoegh Silvercloud, Beirut
166 bgs, W L Willner, Hoegh Silvercloud, Beirut
320 bgs, M Golodetz Co, Hoegh Silvercloud, Beirut
320 bgs, Otto Gerdau & Co, Hoegh Silvercloud, Beirut
160 bgs, D Hecht Co, Exhibitor, Mangalore
80 bgs, Mincing Trading Corp, Exhibitor, Mangalore
80 bgs, Irving Trust Co, Exhibitor, Alleppey
320 bgs, Chase National Bank, Exhibitor, Alleppey
855 bgs, Exhibitor, Alleppey
160 bgs, Mutual Spice Co, Exhibitor, Cochin
80 bgs, M Golodetz Co, Exhibitor, Cochin
80 bgs, J Berlage Co, Exhibitor, Cochin
80 bgs, Internatio Rotterdam Inc, Exhibitor, Cochin
80 bgs, Otto Gerdau & Co, Excambion, Beirut
136 bgs, Excambion, Beirut
80 bgs, Van Norden & Archibald Co, Amsteldyk, Rotterdam
32 bgs, Kellys American Ltd, American Shipper, London
PETROLEUM, CRUDE—121,694 bbls, Socony Vacuum Oil Co, Winchester, Puerto La Cruz
183,518 bbls, Esso Standard Oil Co, Sovac Radiant, Cartagena
PHTHALIC ANHYDRIDE—1 bg, Reichold Chemicals Inc, American Traveler, Liverpool
POLLACKLIVER OIL—50 dms, Barclay & Co, Sally Maersk, Yokohama
50 dms, Albumina Supply Co, Sally Maersk, Yokohama
POPPYSEED—100 bgs, Catz American Corp, Amsteldyk, Rotterdam
POPPYSEED—100 bgs, C M Van Sillevoldt Co, Vibeke Maersk, Rotterdam
POTASSIUM—101 cs, Bergstrom Trading Co, Sparrenholm, Gothenburg
110 cs, Bergstrom Trading Co, Stockholm, Gothenburg
FERRICYANIDE—20 kgs, Spring Chemicals Inc, Amsteldyk, Rotterdam
METABISULPHATE—20 kgs, H Reifenberg Co, Wells City, Avonmouth
PSYLLIUM SEED—470 bgs, T M Duche & Sons Co, President Jefferson, Bombay
300 bgs, S B Penick & Co, President Jefferson, Bombay
PYRETHRUM FLOWERS—125 bls, McLoughlin, Gormley King Co, African Crescent, Mombasa
125 bls, Gulf Oil Corp, African Crescent, Mombasa
PYRIDIN—25 dms, Chematar Inc, Vibeke Maersk, Rotterdam
48 dms, E I Du Pont de Nemours Co, Wells City, Avonmouth
PYRITES—237 cks, American Metal Co, San Miguel, Lisbon
QUEBRACHO EXTRACT—2,000 bgs, International Products Corp, Celestial, Buenos Aires
1,095 bgs, River Plate Import & Export Corp, Celestial, Buenos Aires
2,139 bgs, Carl M Loeb Rhoades Co, Celestial, Buenos Aires
518 bgs, Imex Corp, Brazil, Buenos Aires
8,465 bgs, River Plate Import & Export Corp, Brazil, Buenos Aires
QUICKSILVER—2,000 flasks, Chase National Bank, Excellency, Cadiz
1,900 flasks, Guaranty Trust Co, Exceller, Rijeka
QUININE SULPHATE—5 cs, Judson Sheldon Division, Santa Barbara, Antofagasta
RHUBARB ROOT—32 cs, Peek & Velsor Inc, President Grant, Hong Kong
51 bgs, Meer Corp, President Jefferson, Bombay
32 cs, Peek & Velsor Inc, Sally Maersk, Hong Kong
ROSEMARY LEAVES—160 bls, M J Golombeck Co, San Miguel, Lisbon
ROSEWOOD OIL—11 dms, George Lueders & Co, Brazil, Rio de Janeiro
ROSIN RESIDUE, LIQUID—542 dms, G S Ziegler & Co, Mormacdale, Stockholm
RYANIA SPECIOSA WOOD—128 bdls, W M Allison & Co, Brazil, Port of Spain

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IODOXYQUINOLIN SULPHONIC ACID
NEO CINCHOPHEN
OXYQUINOLIN BENZOATE
OXYQUINOLIN SULPHATE
POTASSIUM OXYQUINOLIN SULPHATE
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BENZYL ALCOHOL
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SAFFRON—2 cs, Gino Puzzi, President Jefferson, Genoa
9 cs, S B Penick & Co, San Miguel, Lisbon
2 cs, Frank Tea & Spice Co, San Miguel, Lisbon
SAGE OIL—5 dms, Norda Essential Oil & Chemical Co, American Shipper, London
LEAVES—293 bgs, Arthur G Dunn, President Jefferson, Genoa
SANDALWOOD—200 bgs, George Lueders & Co, President Jefferson, Bombay
744 bgs, W J Bush & Co, President Jefferson, Bombay
OIL—9 cs, Magnus, Mabee & Reynard Co, Pacific Unity, Madras
SEEDLAC—500 bgs, MacLac Co, City of Perth, Calcutta
400 bgs, Mantrose Co, City of Perth, Calcutta
200 bgs, Gillespie-Rogers-Pyatt Co, City of Perth, Calcutta
400 bgs, C H Timm Co, City of Perth, Calcutta
400 bgs, Haeuser Shellac Co, City of Perth, Calcutta
200 bgs, William Zinsser Co, City of Perth, Calcutta
200 bgs, Dings & Schuster Co, Exhibitor, Calcutta
100 bgs, The Balex Co, Exhibitor, Calcutta
200 bgs, William Zinsser & Co, Exhibitor, Calcutta
200 bgs, Mantrose Corp, Exhibitor, Calcutta
45 bgs, Cannstatt Trading Co, Sally Maersk, Bangkok
SENNA LEAVES—100 bls, Richard D Heins Co, Exhibitor, Port Sudan
237 bls, R J Prentiss & Co, City of Perth, Colombo
SESAME SEED—150 bgs, Levy & Levis Co, Sally Maersk, Hong Kong
250 bgs, Louis Furth Inc, Hoegh Silvercloud, Bombay
150 bgs, Levy & Levis Co, President Grant, Hong Kong
SCHEELITE CONCENTRATES—12,281 bgs, National City Bank, President Jefferson, Fusan
200 bgs, Mercantile Metal & Ore Corp, President Jefferson, Fusan
ORE—400 bgs, Fred H Lenway Co, Pioneer Dale, Hong Kong
SHARKLIVERS—6 bbls, Silmo Chemical Co, Santa Barbara, Puna
OIL—18 dms, Consumers Import Co, Sally Maersk, Yokohama
5 dms, Anewalt Schmitt Co, Brazil, Buenos Aires
20 dms, Stern Morgenthau, President Jefferson, Fusan
SHELLAC—100 bgs, C H Timm, City of Perth, Calcutta
300 bgs, Suhr Budelman, City of Perth, Calcutta
200 bgs, C H Timm, City of Perth, Calcutta
6,683 bgs, William Zinsser & Co, City of Perth, Calcutta
100 bgs, F H Paul & Stein Co, Exhibitor, Calcutta
200 bgs, Charles Timm Co, Exhibitor, Calcutta
225 bgs, J Khorna, Exhibitor, Calcutta
15 bgs, William Diehl & Co, Sparreholm, Gothenburg
SODIUM HYDROSULPHITE—20 dms, M W Hardy & Co, Amsteldyk, Rotterdam
SPERM OIL—4 tins Wilbur Ellis Co, San Miguel, Ponta Delgada
SQUILL, RED—319 bgs, R J Prentiss & Co, Exhibitor, Algiers
STYRAX LIQUID—60 cs, Bank of Manhattan Co, Alcoa Pioneer, Istanbul
TALC—1,315 bgs, Afghan American Trading Co, Exhibitor, Karachi
1,100 bgs, Charles Mathieu Co, Excambion, Genoa
TAPIOCA FLOUR—238 bgs, W R Grace & Co, Sally Maersk, Bangkok
238 bgs, Merchandise Trading Co, Sally Maersk, Bangkok
2,000 bgs, Manhattan Paste & Glue Co, Gerd, Itajai
1,083 bgs, Brown Bros, Harriman Co, Gerd, Itajai
TAPIOCA FLOUR—1,200 bgs, First Nat Bank of Boston, Gerd, Itajai
167 bgs, Gerd, Itajai
3,750 bgs, Corn Products Refining Co, Dorothy, Puerto Plata
TARTAR—1,015 bgs, Tartaric Raw Materials Corp, Exhibitor, La Goulette
TEAWASTE—131 chests, A M Goldstein Inc, American Shipper, London
2,800 bgs, Maywood Chemical Works, Exhibitor, Calcutta
1,434 bgs, Citro Chemical Co, City of Perth, Calcutta
51 bgs, Citro Chemical Co, City of Worcester, Chittagong
THIAMINE HYDROCHLORIDE—2 cs, Gotham Pharm Co, President Grant, Manila
THYME LEAVES—67 bls, Becker Mayer Seed Co, Excambion, Marseille
TIN—305 ingots, Chemical Bank & Trust Co, Sally Maersk, Hong Kong
TRAGACANTH GUM—32 cs, V Simidian Co, Excambion, Beirut
TUMERIC—120 bgs, Mincing Trading Corp, Exhibitor, Cochin
TUNG OIL—102 dms, East Asiatic Co, Gerd, Buenos Aires
ULTRAMARINE BLUE—20 dms, Britannic, Liverpool
UREA—200 bgs, Terra Chemicals, Inc, Amsteldyk, Rotterdam
VANILLA BEANS—92 cs, Dodge & Olcott, Inc, Pres Jefferson, Marseille
59 cs, M Carasso Co, Pres Jefferson, Marseille
85 cs, M Cortizas Co, Pres Jefferson, Marseille
98 cs, George Uhe Co, Pres Jefferson, Marseille
13 cs, R L Oppenheimer, Pres Jefferson, Marseille

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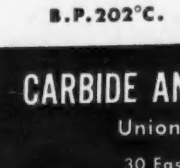

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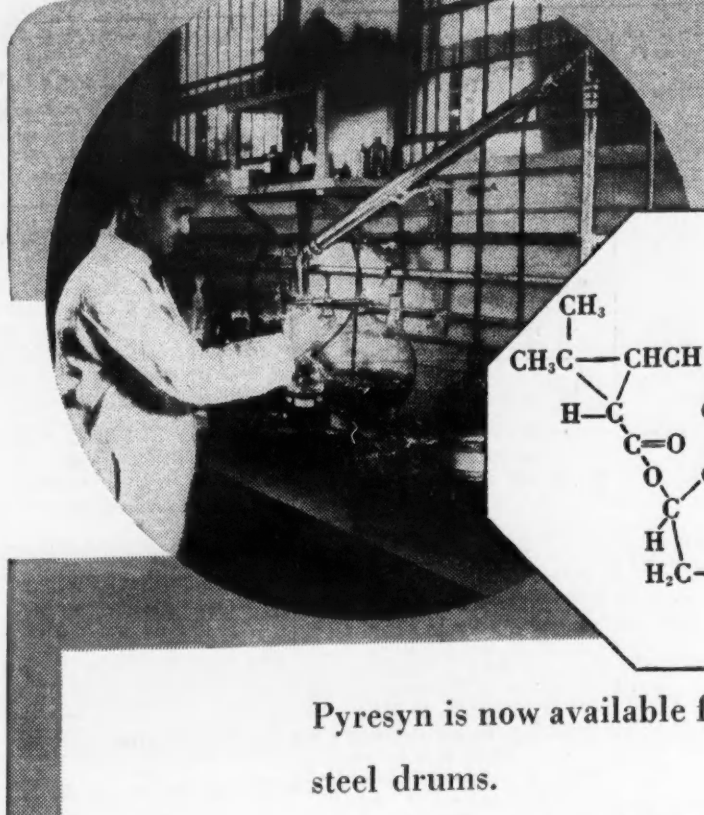
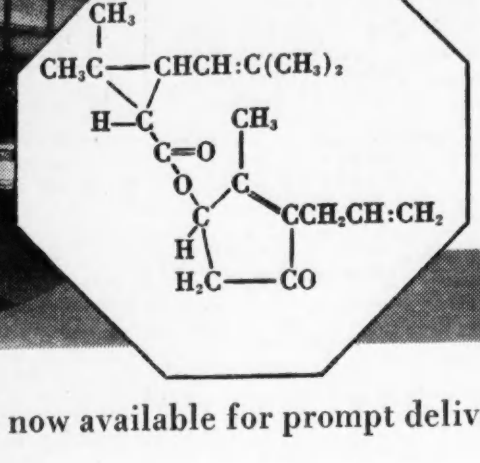


PYRESYN

(Synthetic "pyrethrin")



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**Heretofore this new synthetic was described as Allyl Homolog of Cinerin I but is now referred to as ALLETHRIN under the Department of Agriculture's procedure of announcing "common" names for new products of complex chemical position.*

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BOTANICAL DRUGS • ESSENTIAL OILS • MEDICINAL CHEMICALS • AROMATIC CHEMICALS

Botanical Drugs, Spices, Gums

Though it is early in the 1950 botanical drug collection season, it is still not too early for primary market collectors to examine certain fundamentals that are apt to affect collections this year. Among such basic influences are the supply of labor, the prices likely to attract available labor, the unsold carryover from the 1949 crop, and what consumers are apt to require.

Advices received by OPD last week from some primary market collectors had substantial unanimity when discussing the probable supply of labor. More persons are expected to gather botanicals in 1950 than there were in 1949. Almost without exception, collectors said more labor would be available. Yet, others said that only a slump in lumbering, agriculture, or coal mining would be apt to increase the number of pickers, gatherers, and diggers. And a minority of collectors thought that the current activity in lumbering, agriculture, and coal mining at present seems unlikely to slump. But the majority opinion was that more unemployment will increase the number of persons available for drug collection and that the 1950 crop should be good—if prices are high enough.

Unanimity with respect to price influences was also marked. Workers are expected to concentrate on gathering the botanicals for which collectors post high prices. Low priced items will be ignored. Therefore, collectors reported that prices paid for major botanicals in 1950 are apt to approximate closely those paid in 1949. A few thought that 1949 prices would have to be exceeded if needed items are to be secured.

Carryovers from the 1949 crop were declared conservative, because low prices and wet weather made the crop small, and regardless of the fact that consumer buying has been slow for months past. Some said their carryover is the smallest since the war ended. Yet, collectors also said they intended to restrict buying to items consumers must have. The trick will be to find what those "must" needs are. No restocking of the whole line will be undertaken; such buying has disappeared, probably forever. Prices posted by collectors reporting last week were close to April, 1949 levels in most instances. A few items were posted above April prices last year. And some undercut last year's prices considerably.

Balsams

Fir—Jobbing business in Oregon balsam improved moderately. Quantity needs reached the market but seldom. Canadian balsam on spot reflected the very firm price position in its primary market.

Tolu—Practically all sellers have advanced selling prices, and the market late last week became $3 to $3.10 per pound by reflecting the much higher replacement cost now in effect at the origin.

Barks

Black Haw—The attitude of collectors with respect to the 1950 crop of root bark was to be found in the fact that numerous buying lists quote gatherers exactly the prices given a year ago.

Fringetree—Some buying prices have dropped below 1949 springtime levels, but other lists show unchanged position. No substantial carryover prevails.

Sassafras—Offers to gatherers of select bark stand mainly at the levels prevailing last April. The future will depend on how attractive diggers find the price. Last year they did a very good collection job at the prices offered.

Beans

Vanilla—The market still held strong in price, even though demand current during the week just passed was generally conservative in size, though not more so than it had been in the previous period. No pressure of stocks was exerted on the spot market last week; deliveries made against rather long-standing contracts have so curtailed warehouse stocks that dealers are able to weather a period of reduced demand while maintaining firm ideas as to the value of their merchandise.

Flowers

Chamomile—A fair if relatively small movement of Hungarian flowers was sufficient to keep prices generally steady on spot last week. A limited tendency to shade quotations on Roman flowers could be found. Most inquiries were for small lots.

Elder — Domestic collectors buying prices have been upped about a third over those prevailing a year ago. It has been a year of short supply with respect to both domestic and imported flowers.

Saffron—More than the usual amount of jobbing sales of Spanish flowers was reported in one direction last week and the business was done mainly on the basis of $17 to $18 per pound. Interest in Mexican saffron was purely nominal.

Gums

Arabic—The market was steady, remarkably so when the volume of curent demand was reckoned. It was built mainly from jobbing requirements, but it was also not inducive of any further tendency to shade local quotations. In fact, many dealers refused business at the minimum of spot prices.

Karaya—Firmness governed most prices and occasions of their being shaded were rather rare and appeared only in goods of lower quality. Top grade gum was not overly well stocked and it was held mainly in quarters who find it not too easy to get quality replacements from the origin.

Locust Bean—Higher prices seem a reasonable prospect because of the adverse reports received from origins. Quantity likely to be available was expected to be less and replacement prices even now have been advanced by many shippers.

Herbs and Leaves

Belladonna—Prices at which foreign grown leaves can be bought have reached a point where they have begun to influence domestic cultivation. It seemed likely that less will be grown this year. At that, foreign leaves still stand at levels far above normal value, even allowing for inflated currencies and devalued foreign monies.

Boneset—Some collectors have reduced buying prices about 2c. per pound under those posted a year ago in April. Also, some have better than fair sized stocks still in store.

Catnip—The sensational rise a year ago that accompanied small collection has yet

Market Trends

Prices Advanced

Drugs

Ginger, Jamaican, No. 3, old crop, spot, 1½c. per lb.
new crop, afloat, 2½c. per lb.
Tolu balsam, 50c. per lb.

Other Articles

Cardamom, green, Alleppey, 3c. per lb.
Nutmegs, West Indian, 3½c. per lb.
Pepper, red, Haitian, 2c. per lb.
Hontakas, 2c. per lb.
Pimento, Jamaica, ½c. per lb.
Sage, Greek, 4c. per lb.
Sesame seed, Chinese, hulled, ½c. per lb.
Nicaragua, hulled, 1c. per lb.

Prices Reduced

Drugs

Ginger root, African, 2c. per lb.

Other Articles

Cardamom, green, Ceylon, 2c. per lb.
Cassia, Batavia, longstick, broken, 5c. per lb.
Celery seed, French, ½c. per lb.
Indian, ½c. per lb.
Mustard seed, Danish, ½c. per lb.
Nutmegs, East Indian, 1c. per lb.
Pepper, red, Nigerian capsicums, 1c. per lb.
Poppyseed, Dutch, ½c. per lb.
Sage, Spanish, 1c. per lb.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
191.9	191.9	196.2	193.6	183.7

(For Current Prices see Page 9)

Imports Detained by FDA

Week Ended April 7
New York

Apricot kernels, bitter, 110 bags: hydrocyanic acid.
Capsicums, 237 bags: live insects.
Cassia, 4 bales: insect filth.
Cassia oil, 30 drums: not USP.
Celery seed, 167 bags: filthy.
Chamomile flowers, 40 bags: filthy.
Chillies, 223 bags: live and dead insects; filthy.
Cod oil, 25 casks, 32 drums: decomposed.
Eucalyptus citriodora oil, 2 drums: non-official variety substituted.
Origanum leaves, 14 bags: filthy.
Pepper, black, 1,141 bags: kapok seed substituted; moldy and insect bored.
Pumpkin seeds, 419 bags: moldy, dirty.
Rennet, 2 cases: filth and sand.
Turmeric root, 80 bags: adulterated with nux vomica.

For Late Market Developments, See Page 4

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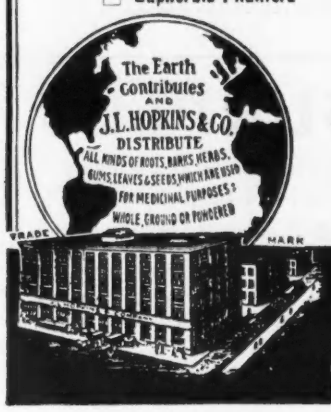
- ☐ Dandelion Root
- ☐ Digitalis Leaves
- ☐ Euphorbia Pilulifera
- ☐ Hawthorn Berries
- ☐ Henbane Leaves
- ☐ Ipecac Root
- ☐ Jalap Root 15% Resin
- ☐ Kava Kava
- ☐ Papain
- ☐ Quassia Chips
- ☐ Quince Seed
- ☐ Senna Leaves and Pods
- ☐ Stramonium Leaves
- ☐ Tonga Bark and Vine



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to be liquidated. Present buying prices of some collectors do not forecast an early return of normal spot prices. In fact, buying prices of some collectors today are 5c. above those in force last April.

Lobelia—Prices offered gatherers last April have been undercut by about 5c. per pound in the postings for April, 1950. The poor crop of 1949 has left practically no carryover in most quarters and most quarters show no immediate disposition materially to depress unduly the prices they will pay for 1950 collection. Others said that they can always raise the price and that the current buying prices stand much above normal.

Passion Flower—Prices rose so during 1949 scarcity that some collectors have reduced 1950 buying prices by 4c. per pound.

Sage—Dalmatian held unchanged but since the season is practically at an end, most factors expect dullness to be accompanied by some price recessions in quarters still holding stocks. Greek material was higher at 34c. to 35c. per pound last week, while Spanish leaves were lower at 11c. to 11½c.

Witch Hazel—Efforts to stimulate early the activity of gatherers seemed evident from the fact that some collectors have already raised buying prices 2c. per pound over the April, 1949, prices. The spot price still gave evidence of the poor crop and heavier demand of 1949.

Miscellaneous

Balm of Gilead Buds—Compared with buying prices offered by some last April, the present purchase price is about 20c. per pound below that of a year ago. Also, last year at this time few wanted to buy green buds.

Ergot—Further evidence of the absence of consumer support could be found in the spot price of $4 to $4.25 per pound. It was felt that dealer and consumer alike were out of the market until such time as new crop offerings show how the European market is to go in 1950.

Grains of Paradise—It was suggested that many a grain of paradise is finding company among the extremely high pepper corns. More has been offered of late and a gain in availability was said to be expected. Prices were still 72c. to 72½c. per pound—a relatively high level.

Roots

Blood—Sharp downward revisions have been made in the buying prices of domestic collectors at the origin. One quarter has undercut April, 1949, prices by fully 20c. per pound. Much depended on where collection depots were located.

Black Cohosh—A reduction of about 2c. per pound has been made in 1950 buying prices in some quarters, as compared with prices named in April a year ago. Not a great deal is being carried over.

Mandrake—Some with 1949 root still to sell said the item had become a "headache." The extent to which that seems true may be gathered from the fact that consumers were offered carlots at 28c. last week and intimated acceptance of a reasonable bid. Furthermore, April, 1950, buying prices of collectors have dropped fully 5c. below the April, 1949, levels; a year ago the same collectors were raising prices by 5c. over April, 1948, levels. Spot quotations appeared nominal in the absence of orders.

Pink—Some collectors' April, 1950, buying prices stand eaxctly where they did a year ago. A few others offer to pay about 40c. under prices named a year ago. The whole situation with respect to probable consuming outlets was just as contrasty as that of the buying view of different collectors.

Senega—Most buyers have offered prices little different than those named in April, 1949. And the spread between collectors' views is rather wider at this time. Meanwhile, spot declines have stopped and some look for market firmness to come with a rise in export requirements—if they do rise.

Seeds

Anise—Inquiries for Turkish seed failed to find quick delivery parcels readily obtainable. Some goods were named to arrive at the week end.

Cardamom—Green Alleppey was higher at $2.15 to $2.20 per pound and Ceylon was cheaper at $2.10 to $2.15. Bleached and decorticated merchandise was unchanged.

Celery—French seed was easier and slightly lower at 28c. to 29c. per pound. Indian seed on spot was down to 23c. to 23½c., which was below replacement costs cabled last week.

Cumin—Slightly more stabilizaton seemed to prevail despite the absence of demand much in excess of jobbing orders.

Mustard—Interest in new crop domestic seed was slow in developing. Foreign seed was available in very fair sized quantities and at prices which agents of the shippers said were attractive. Danish yellow was fractionally lower at 10½c. to 11c. per pound.

Poppy—Dutch seed was a fraction lower at 17c. to 17½c. per pound despite the fact that it would somewhat more to get further supplies landed on the spot. Czech and Polish seed were unchanged; the latter seemed not too readily to be obtained.

Spices

Cassia—Replacement and spot prices for most cassias seemed at odds, especially when the allowance for loss of weight and the weighing charges incident to the establishment of weight lost in transit was considered.

Clove—Replacements cannot be bought at prices anywhere near the levels at which spot goods could be obtained last week; spot lags far behind quotations at the origins.

Ginger—Jamaica root has firmed substantially with respect to source quotations. No. 3 old crop was higher at 43½c. to 44c. per pound and goods afloat were 43c. to 43½c. African on spot was down to 40c. to 41c. per pound but the foreign prices were not weak. Rhattoon on spot was purely nominal.

Nutmegs—Activity has revived. West Indians were sharply higher at 31c. to 32c. per pound. East Indians were 45c. to 46c.

Pepper—Spot and future prices gyrated at times last week but shortly after midweek, all positions appeared to be $1.42 per pound. The amount of black pepper available on spot was small. Stocks in licensed warehouses in the Port of New York increased 698 bags during March. Stocks on March 31 totaled 6,922 bags compared with 490 bags a year ago. March receipts were 3,906 bags and withdrawals were 3,208 bags.

Red Haitian and Hontaka pepper was not in good spot supply and prices on both were raised to 60c. to 61c. per pound. Nigerian capsicums in future position were shaded to 42c. to 43c. Other red peppers had no change and none were in high demand.

Quotations on black pepper in the closing hours of the trading week were as follows: Spot, $1.44 to $1.45 per pound; April arrival, $1.44 to $1.45. May shipment, $1.44 to $1.45.

Pimento quotations were up to 20½c. to 21c. on the Jamaica article and market conditions were considerably firmer on spot. Some Guatemalan pepper was 19c. to 20c.

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Essential Oils, Other Aromatics

Price movements were mainly downward last week in the market for essential oils. Aromatic chemicals were generally steady. Oils and aromatics alike were subject to demand of conservative size. Movements in favor of consumers took place in Java-type citronella, garlic, distilled ginger, guaiacwood, lemongrass, and possibly in distilled Mexican lime oil. A trifle of doubt with respect to the last named movement prevailed because of the major and growing strength recently developed at the origin and on spot.

Considerable shifting of prices did affect more than the usual number of changes in the range of sellers' quotations. The rise of maximum prices did change the range on bois de rose, cedarleaf, Java-type citronella (the minimum price of which, however, declined) clove, coriander, sweet fennel, and Italian mandarin oils.

Cables stressed the strength governing replacement prices on imported citrous oils, vetiver, patchouli, cananga, top quality eucalyptus, geranium, lavandin, lavender, ocotea cymbarum, palmarosa, and ylang ylang oils. The replacement strength of such domestic oils as peppermint, spearmint, dillweed, snakeroot, wormseed and wormwood oils was pronounced. Abies siberica, anise, caraway, cardamom, costus, and juniper oils when replenished could be bought to fair and often lower price advantage.

Demand for most products was moderate. Some gain in consumer needs did develop in individual materials but for the most part trade lacked sustained activity because consumers' needs were conservative enough to keep purchases close to actual, nearby needs. Such a period is not unusual in this market and almost inevitably is followed by an expansion in activity, especially if replacement costs do not weaken substantially—and most of them have not of late.

Market Trends

Prices Advanced

None

Prices Reduced

Citronella oil, Java-type, 5c. per lb.
Garlic oil, 30c. per lb.
Ginger oil, distilled, $1 per lb.
Guaiacwood oil, 20c. per lb.
Lemongrass oil, 10c. per lb.
Lime oil, distilled, Mexican, 25c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 13, 1949
127.3	127.7	127.4	102.8	103.4

(For Current Prices see Page 9)

Essential Oils

Abies Siberica—Recently but one spot holder quoted $2.95 per pound. Last week two dealers so quoted. Others wanted upwards of $3.50. All reported the market easier and more competitive.

Anise—Replacement cables have come in lower during the past fortnight, and during the past week spot quotations eased in quarters recently noted for considerable price strength. More dealers would take business at $1.20, and fewer wanted more than that, although the range was to $1.35, as to seller.

Bergamot—The market seemed completely steady at the several quotations that differed according to seller and brand of oil in hand. Quotations were $4.40 to $4.75 per pound on that basis. Business was confined mainly to the needs of smaller consumers; larger users were said to have a fair inventory. No change in the replacement market position was cabled to the spot.

Bois de Rose—Only the price range changed; it became wider at $3.50 to $3.75 per pound when the latter figure was adopted on the spot. Replacement cables showed no weakness, and local sellers were disposed to retain their recent views, not to advance them. It was comparatively easy to find dealers naming as minimum $3.50 $3.55, $3.60 or $3.75, respectively.

Cananga—The market was still strong; nor did anything point toward an early change in that aspect of affairs. Everything traces to the primary market situation, and this was complex enough last week to keep the future of events uncertain. Locally native oil ranged $4.20 to $4.50 per pound; rectified, $5 to $5.50. Stocks were very low.

Cedarleaf—The range widened, becoming $1.75 per pound minimum and reaching as high as $2 in one quarter. Demand itself was relatively light, consisting mainly of jobbing needs.

Citronella—Java type oil was slightly over at $1.70 per pound under competitive circumstances, but upwards of $2.10 was asked, according to supplier. Stocks were not overly abundant. No oil was known to be coming here from Java. Hence, dependence was mainly on the produce of Central America. Ceylon oil was very steady at $1.10 to $1.55, depending on quality and selier.

Clove—Strong spice prices made for strong oil quotations, and local prices ranged more widely, being $1.60 to $1.70 per pound for USP oil and varying considerably, according to supplier. Spice was so strong that agents of Zanzibar shippers were of the opinion that only domestic distillers would pay the prices asked, which was an argument for the continuation of strong prices on oil.

Coriander—Some on spot still asked very high prices despite the fact that excellent quality oil could be had for as low as $20 per pound. The top of spot quotations was $30, which was slightly above the top price quoted in the previous trading period. Demand was not much.

Costus—Considering the prices at which France has offered shipment oil in recent weeks, it was surprising to find so few dealers offering spot goods during the past week. The minimum quotation was $21 per ounce and an excellent stock of quality merchandise could be had thereat. Oil so priced was made here.

Dillweed—The rise went no further but few on spot were adverse to such a development and only occasional competition kept spot quotations moving from $6 to $7.10 per pound. Rising consumption is the lot of the market as spring brings a return to pickling operations in some areas. Fairly substantial quantities have been requested and the call was well maintained during the period under review.

Fennel—Minimum quotations held at $2.50 per pound but on the up-end of the range as high as $3.25 was asked last week, being an extension of the price spread in recent weeks. Since price stability has governed raw material and replacement cost for some time past, basic reason for any change in the market was said to be lacking; some merely offered oil showing a cost higher than it may be replaced for today.

Garlic—Competition dropped into the market and stayed long enough to bring prices lower to the basis of $8.50 per pound. The range as to seller was to $15.

Ginger—The first sign of raw material price reductions affecting quotations on distilled oil came last week when the minimum of local prices became $22 per pound; to be sure, some market chatter had even mentioned $21 in the past fortnight. The range was still to the recent top quote of $25. The recent raw material tendency suggested to some that oil prices would not drop much.

Guaiacwood—The downward trend in quotations named in some quarters was extended to those recently naming competitive prices. The result was a drop in spot quotations to $1.65 to $1.90 per pound, which prevailed according to seller of this slow item.

Juniper—Those recently establishing a lower, minimum spot price said last week that the reduction had probably run its course unless an unforseen change shall develop in the replacement position at the origins. Weakness noted of late had been accounted for by very low prices being quoted by the USSR.

Lemon—The market held very strong. Prices ranged $2.85 to $5.25 per pound and varied sharply according to seller and brand. Good quality oil was hardly subject to competitive price shading. Domestic oil was firm to firmer at $2.95 to $3.25 as to seller and business was done at both ends of the range last week.

Lemongrass—The market easing talked about by some in recent weeks developed into fact during the period just ended. Quotations were reduced to $2.15 to $3 per pound according to seller and was the first move in buyers favor since the market advanced sharply last September. The easing factor was the price factor of oil available for replacement operations.

Lime—Though the majority of Mexican distilled oil suppliers maintained a market at $6 to $6.50 per pound, one factor usually influential on the spot did mention $5.75 as being a possible indication of the minimum of local quotations. It

For Late Market Developments, See Page 6

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would require a firm order in hand to determine the minimum of selling prices. But the market was unquestionably strong.

Mandarin—Italian oil ranged more widely from $5.50 to $8.50 per pound, depending on quality and seller. Floridian oil was finding a moderate welcome at $1.60. No Brazilian oil was known to be available.

Orange—Though not all dealers had Brazilian oil in store, spot goods available at 95c. per pound did exist. California and Floridian oils held very steady, but prices were already so low that further recession was considered almost an impossibility. California ranged 60c. to $1 per pound; Floridian, 42c. to $1. Such quotations compared with good quality Italian oil at $2.95 to $5.50 per pound, depending on brand.

Peppermint—Good quality oil was not plentiful. Also, what remains unsold has worked into strong hands little disposed to view the immediate future in a light other than advancing prices. Natural oil ranged $6.25 to $6.50 per pound, and the redistilled item was $6.60 to $7, both ranges covering differences in sellers' minimum price views. Revival of demand probably would find quick reflection in all quotations.

Rose—Oil free of stearoptene was priced at $56 per ounce. Extra quality USP oil was $34. Normal quality as produced in farmer stills abroad, $23 to $24. Synthetic oil, $35 per pound.

Sage—Dalmatian oil remained strong at $6 to $6.50 per pound, depending on seller, and not a great deal of oil would be sold at the inside figure. Recent cables from the origin have displayed nothing but strength in price and smallness of supply.

Vetiver—Differences in dealers' price opinion were frequent and substantial. Minimum was $12.50 per pound. Highest was $15, which was a new upping of the upper end of the range. The fact was that stocks were moderate in size, and the highest quality of oil was available in a few quarters only.

Aromatic Chemicals

Anethol—Though demand has subsided to a considerable extent, and although raw material has turned easier and somewhat lower, this derivative remained steady at $1 to $1.25 per pound, since at no time during the strong market of the recent past did producers fully reflect the basic position of the item; instead, they sought and attained a reasonable stability while awaiting the return of more nearly normal conditions with respect to production costs.

Anisic Aldehyde—Demand pressed less actively, though it was still quite good during the past week. Prices showed firmness at $2.10 to $2.75 per pound, depending on seller.

Carvol—Basic materials have been more than reasonably easy of late; they have been almost unsettled at times. However, carvol has remained very steady, and none on spot had a tendency to shade, since the current volume of demand was insufficient to bring out the fully competitive possibilities of the market.

Ethyl Vanillin—Normally good request prevailed and the strengthening of the natural vanilla market has been not without its limited effect on the sale of vanillin and ethyl vanillin.

Guenther Addresses Cereal Chemists

Dr. Ernest Guenther, vice-president and technical director of Fritzsche Brothers, Inc., New York, was the guest speaker at a recent meeting of the New York section of the American Association of Cereal Chemists.

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Protective Coatings Materials

Imported casein was the only item to advance last week. The domestic premium dropped and there were also reductions in the phthalates and in shellac. The decreases were not of sufficient weight to affect the weekly index number, however.

Demand for both domestic and foreign casein was not at high levels, and indications were that Europe would soon be on the market with more offerings. Phthalates dropped in face of the recent reduction in the price of phthalic anhydride, but there were no changes in price noted among the sebacates. Except for Lemon No. 1 and TN, there were lower prices on shellac. Demand was holding up fairly well and there was no difficulty with supply.

No special feature was apparent in the market for prime pigments during the period. Alkyd resins were holding their own despite the recent drop in the price of phthalic anhydride. Soya oil had gone up recently and the decline pretty well balanced the increase. Some thought that the new, lower prices of the phthalates would stimulate sales but there were others who thought not, pointing out that business was already at a good point.

Cadmium stearate, now in commercial production, was being listed in OPD for the first time. The zinc driers were without price change, despite the fact that there had recently been revisions in the listings of the metal.

Market Trends

Prices Advanced

Casein, imported, acid-precip., ¼c. per lb.
Rosin, gum, Savannah, F, G, H, 5c. per 100 lbs.
I, K, M, N, WG, 2c. per 100 lbs.
Turpentine, gum, Savannah, ¼c. per gal.

Prices Reduced

Casein, domestic, premium, 1½c. per lb.
Diamyl phthalate, 1½c. per lb.
Dibutyl phthalate, 1½c. per lb.
Dicapryl phthalate, 1½c. per lb.
Dicyclohexylphthalate, 2c. per lb.
Diethyl phthalate, 2½c. per lb.
Di-isooctyl phthalate, 2c. per lb.
Dimethyl phthalate, 3c. per lb.
Dioctyl phthalate, 2c. per lb.
Rosin, gum, Savannah, B, D, E, 46c. per 100 lbs.
Shellac, bleached, bonedry, 1c. per lb.
Refined, 1c. per lb.
Lemon No. 2, 1c. per lb.
Superfine, 1c. per lb.
Turpentine, gum, New York, 2c. per gal.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
170.1	170.1	169.8	196.4	215.9

(For Current Prices see Page 9)

Prime Pigments

Dry Colors—The spring pickup in the paint industry, along with a rise in demand from printing ink sources, had placed the general demand up to a good level, it was reported last week. Supplies were in good shape and were sufficient to accommodate the call. There were no changes reported in the price listings.

Lead Pigments—The market for the metal was steady last week, and there was less pressure evident from foreign sellers. There were no reports of changes in the listings of the pigments.

Lithopone—No changes were announced in the price structure during the period under review. Demand was holding up to fairly good levels and was considered about normal. Supply was sufficient for the needs of the market.

Zinc Pigments—Prices held at recently re-established levels. The metal continued in a heavy demand and offerings were limited.

Synthetic Resins

Alkyds—The recent drop in the price of phthalic anhydride had no effect on the price of these resins last week. Soya oil had gone up recently and the drop in phthalic just about offset it, so that the opinion was that there would be no price changes at this time.

Coumarone-Indenes—Demand was running high and production was having a difficult time keeping up with it. One source pointed out that the call had "skyrocketed" recently, with a heavy demand coming from the floor tile, rubber and plastics industries. Despite these conditions there were no changes reported in prices.

Styrenes—Demand was running to good levels and although the item was not moving in great volume, the market was still being developed. Supplies were not at a particularly high point. Ther were no changes reported in the price structure.

Terpenes—A good call was noted for these resins last week, with rubber, plastics and floor tile coming in with a good share of the orders. Supply was not so strong as it might have been. There were no changes reported in the price listings, however.

Natural Resins

Shellac—Reductions of 1c. a pound were noted for bleached, bonedry and refined last week as well as for Lemon No. 2 and Superfine. This put the bleached, bonedry at 52½c. in bags, 53c. in barrels and 55c. in kegs. The refined became:—62½c. in bags, 63c. in barrels and 65c. in kegs. Lemon No. 1 held at 43c. to 45c., and Superfine was 37c. to 38c. Lemon No. 2 became 41c. to 43c. and TN was holding at 35c. to 37c.

Demand was running at reasonably good levels. The call was not great and it was somewhat spotty, but on the whole it could be spoken of as "not bad." There were fairly good amounts of stock available, and normal orders could be covered without difficulty.

Lacquer Materials

Diamyl Phthalate—A reduction of 1½c. a pound was noted last week as a result of the phthalic anhydride drop. The new schedule was:—carloads 34c., less carloads 35c. and tanks 32½c.

Dibutyl Phthalate—Major producers last week dropped their schedules in accord with the new lower prices on phthalic anhydride. The new listings were:—carloads 29c., less carloads 30c. and tanks 27½c. These prices represented decreases of 1½c. per pound.

Dicapryl Phthalate—This item was also among the phthalates to take a drop last week as a result of the decrease in price of the raw material. The reduction amounted to 1½c. across the board. This produced a new schedule of:—carloads 37c., less carloads 38c. and tanks 35½c.

Dicyclohexylphthalate—A reduction of 2c. per pound was effected for this item during the week as an offshoot of the lowering recently of phthalic anhydride. The going price of the material became 40½c. in carloads and 41½c. in less than carload lots.

Diethyl Phthalate—On April 1 the price of ethyl alcohol was advanced 5c. to 6c. per gallon but the recent drop of 4c. a pound in phthalic anhydride more than offset this, with the result that the phthalate was knocked down 2½c. per pound last week. The new schedule was:—carloads 23½c., less carloads 24½c. and tanks 22c.

Di-isooctyl Phthalate—Carload and tank prices were reduced 2c. per pound last week and less carload was brought down by 1½c. The less carload figure

Paint, Varnish, Lacquer Sales: February

The value of sales of paint, varnish, lacquer and fillers in February, 1950, as reported by 680 establishments to the Bureau of Census, was $70,789,002. These establishments accounted for approximately 90 percent of the total value of the output of the industry as reported in the Census of Manufacturers for 1939. Included are data on sales of water-thinned paints and nitrocellulose lacquers, which formerly were published separately but have since been discontinued. Details of sales reported with comparative data for 1949 follow:—

	Total sales reported by 680 establishments	Classified sales reported by 580 establishments: Trade-sales of paint, varnish, and lacquer	Industrial sales: Total	Industrial sales: Paint and varnish	Industrial sales: Lacquer	Unclassified sales reported by 100 establishments
1950—February	$70,789,002	$37,419,002	$27,136,731	$19,819,669	$7,317,062	$6,233,269
Total, *2 months	146,725,283	78,622,389	54,820,760	40,098,279	14,722,480	13,282,134
1949—February	70,189,954	37,844,062	26,123,676	19,718,733	6,404,943	6,222,216
Total, 2 months	147,150,598	79,746,716	54,073,770	41,102,554	12,971,216	13,330,112

* Revised.

For Late Market Developments, See Page 4

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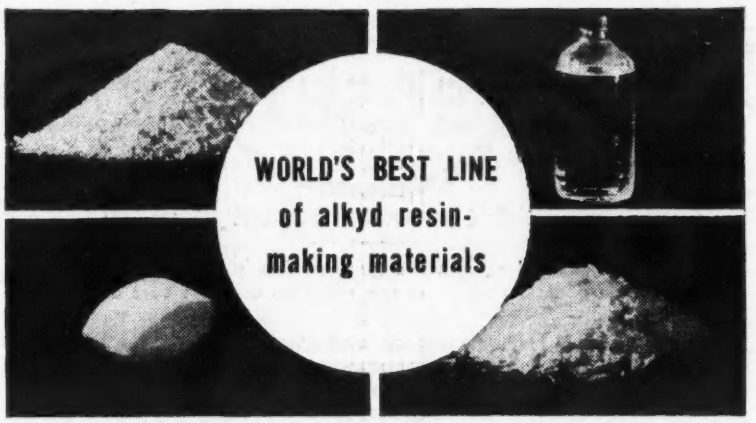

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came down by a smaller amount because load 39½c., less carload 40½c. and tanks 38c.

Dimethyl Phthalate—Drops of 3c. per pound was noted for both carload and tanks quantities last week, while less than carload amounts were decreased 2½c. This made the new schedule:—carloads 23½c., less carloads 24½c. and tanks 22c.

Dioctyl Phthalate—A 2c. decline was noted for this item during the week. The new listings became:—carloads 39½c., less carloads 40½c. and tanks 38c.

Sebacates—Although there were downward revisions noted in the listings for the phthalates, there were no price movements reported for the sebacates last week, and it was said there seemed to be none justified at this time, since there were no changes in raw materials cost. Call was said to be going along very nicely and was reported to be on the upswing. Supply was in a comfortable position.

Miscellaneous Materials

Cadmium Stearate—This item, now on the market for several months, was in commercial production and was reported to be meeting with a good demand. By the end of the week the producer expected that output would be at a sufficiently high level to accommodate all normal-sized orders. The item was being sold at $1.25 in less than carload lots.

Casein—Domestic was not in particularly heavy demand last week, and there was not a great deal of it being made. The standard was unchanged as to price, but the premium dropped from 25½c. to 24c.

Demand for imported casein was not running very high. The unsettled conditions in the Argentine made buyers skeptical, and there have been advices from abroad that Europe may submit better offers here soon. France, alone, is expected to produce 12,000 tons this year, of which 10,000 will be for export. The strike in the Argentine has not been completely settled yet, leaving conditions in the dairy industry there uncertain. Because of the drought and the dairy strike, there is less stock in the Argentine now than there was at the comparable period a year ago. However, with Europe set to produce more, there will, of course, be less European demand for Argentina's supply. The price of imported was ¼c. higher last week, making the range 20¾c. to 21½c.

Glue—Producers of bone grades were still finding difficulty last week in turning out sufficient material to meet all the requirements of the trade. Bones were still going into fields other than glue manufacture. Prices were firm and nothing in the way of price changes was anticipated in the immediate future.

Lead Driers—Prices on naphthenates and tallates steadied at lower levels last week following the recent reductions. Supplies were reported to be ample all around and demand, although not especially heavy, was considered to be up to normal levels for this time of the year.

Zinc Driers—Tallate, resinate and naphthenate showed no inclination to follow recent fluctuations in the price of the metal. Listings were still holding, and it was said that they would probably continue to do so. The naphthenate was, of course, the biggest item, but in general it could be said that demand was on the slow only recently there was a ½c. reduction effected. The new listings became:—carside and the supply was sufficient to accommodate it.

Naval Stores

Pine Gum—Prices received by producers for crude pine gum delivered to processing plants during the week ended April 8 averaged $19.75 per standard barrel of 435 pounds, according to the Department of Agriculture. This compares with $20.38 for the previous week.

The twenty-three reporting plants received 14,846 barrels, or an average of 645 barrels per plant, compared with 599 barrels a week previous. The contents of the gum averaged 11.26 gallons of turpentine and 297.9 pounds of rosin per barrel.

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The gum was graded 31 percent WW, 28 percent WG, 18 percent N, 9 percent M and 14 percent K and below.

The record of the gum naval stores markets over the week ended April 14 was as follows:—

Gum Rosin

	Price per 100 lbs. Savannah Exchange (Low of range) Mon.	Tues.	Wed.	Thurs.	Fri.	New York c.l., l.c.l., f.o.b. N. Y. whse. Friday	
B	$5.56	$5.10	$5.10	$5.10	$5.10	$6.75	$7.50
D	5.56	5.10	5.10	5.10	5.10	6.75	7.50
E	5.56	5.10	5.10	5.10	5.10	7.10	7.85
F	5.64	5.69	5.69	5.69	5.69	7.10	7.85
G	5.64	5.69	5.69	5.69	5.69	7.10	7.85
H	5.64	5.69	5.69	5.69	5.69	7.10	7.85
I	5.72	5.69	5.69	5.71	5.71	7.10	7.85
K	5.72	5.69	5.69	5.71	5.71	7.10	7.85
M	5.72	5.69	5.69	5.71	5.71	7.10	7.85
N	5.72	5.69	5.69	5.71	5.71	7.10	7.85
WG	5.81	5.69	5.69	5.71	5.71	7.40	8.15
WW	6.00	6.00	6.00	6.00	6.00	7.50	8.25
X	6.00	6.00	6.00	6.00	6.00	7.50	8.25
	Drums						
Sales	223	413		86		...	...
Receipts	49	438	417		372	...	...
Shipments			714			...	...
Stocks	25,779	26,217	25,920	25,920	26,292	...	...

Gum Turpentine

	Savannah Exchange Bulk Mon.	Tues.	Wed.	Thurs.	Fri.	New York (ret. dms.) tanks l.c.l. f.o.b. ex N.Y. whse. (7 lbs.) Friday	
Per gal.	.42¼	.41	.40	.39¾	.40	.49	.55
Sales, bbls	...	320	320	120	160	...	...
Receipts, bbls.	522	38	429	160	339	...	...
Shipments, bbls.	441	102	269	86	50	...	...
Stocks, bbls.	2,234	2,170	2,330	2,404	2,693	...	...

Atlas Appoints Blacketer To New Finishes Dept. Post

Atlas Powder Company, Wilmington, Del., has appointed Charles W. Blacketer technical director of the Stamford, Conn., branch of its industrial finishes department, and has named Guido Ariotti to succeed Mr. Blacketer as manager of the customer service department.

Mr. Blacketer joined the company last year as manager of the customer service department after extensive experience with Berry Brothers, Sherwin-Williams Company, and Diamond Alkali Company. Mr. Ariotti completed twenty-five years of service with the Atlas Powder Company last year.

Hercules Publishes Booklet

Hercules Powder Company, Wilmington, Del., has published a new booklet describing the use of its "Poly-pale" resin in protective coatings. The booklet includes a table of typical physical and chemical properties of the resin, as well as a listing of its general properties.

N.Y. AIC Chapter To Meet on April 26

The New York chapter, American Institute of Chemists, will hold a discussion meeting April 26 at 8 o'clock in the George Washington hotel, New York. The subject will be "Methods of Achieving Professional Status in the Minds of the Public." Speakers will be Dr. H. G. Lindwall, chairman of the chemistry department of New York University, and Dr. Hugh B. Hodge, of Oakite Products, Inc., New York.

Current Prices

—Continued from page 33

Vitamin A, natural, 351,000 to 450,000 A units per gram, bots., cns., dms., lots of less than 500 million units. 1,000,000 units. .27 - —

451,000 or more A units per gm., bots., cns., dms., lots of 500 million units or more. 1,000,000 units. .26½- —

451,000 or more A units per gm., bots., cns., dms., lots of less than 500 million units. 1,000,000 units. .29½- —

Prices above are based on the USP XIV method of conversion, Morton-Stubbs Corrected E x 1900.

A, natural, concentrates (see Oil, fishliver).

A, synthetic, acetate, 1,000,000 A units, per gm. 1,000,000 units. .24 - —

A, synthetic, palmitate, 300,000 A units per gm., frt. adjstd. 1,000,000 units. .24 - —

Vitamin B_1 (see Thiamine hydrochloride).

B_2 (see Riboflavin).

B complex, natural (see Rice bran concentrate and Yeast).

B_6 (see Pyridoxin hydrochloride).

B_{12}, vials, 25, 100 and 500 milligrams milligram. 2.52 - —

C (see Acid, ascorbic).

D (see Oils, codliver and fishliver, Calciferol and Viosterol).

D_2 (see Calciferol).

E (see Alphatocopherol and Oil, wheatgerm).

G (see Riboflavin).

P-F (see Acid, nicotinic, and Nicotinamide).

H (see Biotin).

Violet, methyl toner (see Blue, methylviolet toner).

V.M.P. naphtha (see Petroleum naphtha).

W

Wahoo root bark, bls	lb.	1.50	1.75
Tree bark, bls	lb	.55	75
Wattle bark, fair average, nr E. Afr., bgs., ex dock	ton.	65.00	- —
merchantable, bgs., ex dock.	ton.	62.50	- —

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Iodine Number		180-200
PANAREZ 3-210		
Color Barrett		
Softening Point F		7
Iodine Number		200-220
PANAREZ 6-210		180 min.
Color Barrett		
Softening Point F		3
Iodine Number		200-220
		175 min.

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Clays	Mica	Yellow Ochres
Copper Oxides		

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Wattle bark extract, liquid, 35% tannin, bbls., works	lb.	.07½ - .08
solid, E. Afr., 61% tannin, ex dock, duty extra	lb.	.06¾ - —
S. Afr., 62% tannin, ex dock, duty extra	lb.	.06¾ - —
Wax, amorphous (see Wax, microcrystalline).		
Bayberry, bgs., spot	lb.	.44 - .45
Bees, bleached, USP, bricks, cs.	lb.	.62 - .63
slabs, bgs.	lb.	.61 - .62
crude, African, bgs.	lb.	.44 - .45
Brazilian, bgs.	lb.	.52 - .53
Cent. American, bgs.	lb.	.48 - .50
refined, yellow, bricks, cs.	lb.	.52 - .53
slabs, bgs.	lb.	.51 - .52
Candelilla, crude, bgs.	lb.	.46 - .47
refined, bgs.	lb.	.49 - .50
Powdered candelilla, 20 mesh, 5c, per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c		
Carnauba, chalky, bgs., ton lots	lb.	No stocks.
North Country, No. 2, ton lots	lb.	.75 - .77
No. 3, crude, bgs., ton lots	lb.	.68 - .72
refined, bgs., ton lots	lb.	.72 - .76
yellow, No. 1, bgs., ton lots	lb.	.90 - .92
No. 2	lb.	.88 - .90
Powdered carnauba price same as powdered candelilla.		differentials
Japan, bgs.	lb.	.70 - .75
Microcrystalline, 170°-175° m.p., ASTM, amber, ctns., 20,000 lbs., group 3, works	lb.	.14 - —
Less than 20,000 lbs., same basis	lb.	.15 - —
black, ctns., 20,000 lbs., same basis	lb.	.12½ - —
Less than 20,000 lbs., same basis	lb.	.13½ - —
white, ctns., 20,000 lbs., same basis	lb.	.25 - —
Less than 20,000 lbs., same basis	lb.	.26 - —
180°-185° m.p., ASTM, black, ctns., 20,000 lbs., same basis	lb.	.14½ - —
Less than 20,000 lbs., same basis	lb.	.15½ - —
amber, ctns., 20,000 lbs., same basis	lb.	.16 - —
Less than 20,000 lbs., same basis	lb.	.17 - —
white, ctns., 20,000 lbs., same basis	lb.	.27 - —
Less than 20,000 lbs., same basis	lb.	.28 - —
190°-195° m.p., ASTM, amber, ctns., 20,000 lbs., same basis	lb.	.20½ - —
Less than 20,000 lbs., same basis	lb.	.21½ - —
black, ctns., 20,000 lbs., same basis	lb.	.19 - —
Less than 20,000 lbs., same basis	lb.	.20 - —
white, ctns., 20,000 lbs., same basis	lb.	.33½ - —
Less than 20,000 lbs., same basis	lb.	.34½ - —
Montan, dom., black, raw	lb.	.25 - .25½
refined	lb.	.31 - .32
Bohemian, bgs.	lb.	.15 - .16
German, bgs.	lb.	.16 - .17
Ouricury, refined, bgs., ton lots	lb.	.74 - .78
Paraffin (see P.).		
Spermaceti, blocks, cs.	lb.	.25 - .27
cake, cs.	lb.	.26 - .28
Sugar cane, crude, imp., bgs.	lb.	.35 - .37
refined, dom., slabs, works	lb.	.60 - .65
imp., bags, N. Y.	lb.	.40 - .42
White lead (see Lead, white).		
White pine bark, rossed, bls.	lb.	.17 - .19
White precipitate, USP powd., dms., 50 lbs	lb.	2.00 - —
Whiting, limestone, dry-grd., 99.5%, 325 mesh, bgs., c.l., works,	ton.	6.00 -10.00
smaller lots, works	ton.	6.50 -15.00
wet-grd., bgs., c.l., works	ton.	16.00 -30.00
smaller lots, works	ton.	21.00 -35.00
Paris white, bgs., c.l.	ton.	24.00 -31.00
l.c.l.	whse. ton.	25.00 -40.00
Precipitated, bgs., c.l.	ton.	18.00 -20.00
l.c.l.	ton.	25.00 -35.00
Wild cherry bark, thick, natural, bls.	lb.	.06 - .07
rossed, bls.	lb.	No prices.
thin, natural, bls.	lb.	.13½ - .16
rossed, bls.	lb.	.17 - .18
Wild indigo root, bls.	lb.	.30 - .31
Wild yam root, bls.	lb.	.16 - .17
Witch hazel leaves, bls.	lb.	.25 - .27
Woodflour, 40 mesh, bulk, c.l., works, East	ton.	32.00 - —
l.c.l., same basis	ton.	40.00 - —
60 mesh, bulk, c.l., same basis	ton.	37.00 - —
basis	ton.	37.00 - —
l.c.l., same basis	ton.	45.00 - —
80-100 mesh, bulk, c.l., same basis	ton.	40.00 -45.00
l.c.l., same basis	ton.	50.00 -55.00
Woodflour in bgs. extra, returnable.		
Woolfat (see Lanolin).		
Wormseed, American, bgs.	lb.	.13 - .14
Levant, bgs.	lb.	4.15 - 4.25
Wormwood leaves, bls.	lb	.35 - .45

X

Xanthorrhiza root, bls.	lb.	.26 - .30
Xylene (see Xylol).		
Xylenol, cryst., 56°-58°C. m.p., ref. dms., c.l., works, frt. equald.	lb.	.193 - —
l.c.l., same basis	lb.	.196 - —
tanks, same basis	lb.	.18 - —
45°-47°C, dms., c.l., frt. equald.	lb.	.153 - —
l.c.l., same basis	lb.	.156 - —
tanks, same basis	lb.	.14 - —
fractions, over 7°C, b.p., dms., c.l., same basis	gal.	.81 - —
l.c.l., same basis	gal.	.84 - —
tanks, same basis	gal.	.70 - —
Meta fraction, over 7° C, dms., c.l., same basis	gal.	.96 - —
l.c.l., same basis	gal.	.99 - —
tanks, same basis	gal.	.85 - —
Xylidins, mixed, dms	lb.	.45 - .50
Xylol, coaltar, industrial, tanks, works —		
Bethlehem, Pa.	gal.	.26 - —
Birmingham district	gal.	.23½ - —
Chicago district	gal.	.26½ - —
Cleveland district	gal.	.26 - —
Dangerfield, Tex.	gal.	.27 - —
Hamilton, Ohio	gal.	.25 - —
Johnstown, Pa.	gal.	.24 - —
Lackawanna, N. Y.	gal.	.24 - —
Pittsburgh district	gal.	.23 - —
Sparrows Point, Md.	gal.	.26 - —
St. Louis, Mo	gal.	.28 - —
Syracuse, N. Y.	gal.	.23½ - —
Terre Haute, Ind.	gal.	.26 - —
Wyandotte, Mich.	gal.	.27 - —
Youngstown, Ohio	gal.	.23½ - .25
Petroleum, indust., 10°, tanks, works:—		
Albany, N. Y.	gal.	.23 - —
Bayonne, N. J.	gal.	.23 - —
Baytown, Tex.	gal.	.25 - —
Chicago, Ill.	gal.	.27 - —
Detroit, Mich.	gal.	.26 - —
Philadelphia, Pa.	gal.	.26 - —
Providence, R. I.	gal.	.26 - —
Wood River, Ill.	gal.	.27 - —

Y

Yara, yara, cns	lb.	2.00 - 2.25
Yeast, brewer's dry, USP, 50 B units per gram, 100-lb. dms.	lb.	.44 - .46
80 B units per gram, 100 lb. dms.	lb.	.49 - .51
200 B units per gram, 100 lb. dms.	lb.	.53 - .55
300 B units per gram, 100 lb. dms.	lb.	.57 - .59

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Lithopone, all shades, bbls., frt. alld. E. of Rockies.....lb. .95 - —
Cadmium yellows, Los Angeles and San Francisco, ex whse. l.c. per lb. higher.
Chrome, CP, bbls., dlvd. N. Tenn. and N. C. E. of Miss., including Davenport, Minneapolis, Rock apolis, Rock Island..lb. .25 - —
Dlvd. Ala.; Fla., Ga., La., (Shreveport) 1¼c. higher; Miss., N. C., S. C., Tenn., Dallas, Tex., 1¼c. higher; Ft. Worth, Tex. 1½c. higher; El Paso, Tex., 2c. higher; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.
Hansa, bbls., same basis as chrome..lb. 1.60 - 1.70
Primrose, bbls., same basis .lb. 1.90 2.10
Iron oxide, natural, bgs., c.l., works..lb. .0141- .0250
t.c.l., works.....lb. 0166- 0275
French type, bgs., c.l.....lb. .04½- —
t.c.l.....lb. .04¾- —
Peruvian type, bgs., c.l.. lb. .0135- .0210
synth. bgs., c.l. works.....lb. .09 - —
t.c.l. works.....lb .09¼- —
Mercury oxide, bbls., 1,000 lbs..lb. 1.93 - —
smaller lots .....lb. 1.95 - —
Ocher American golden, bgs., works lb. .01¼ .02¾
Zinc, bots. same basis as chrome lb. .21 - —
Yellow dock root, bls.....lb. 16 - .25
Yellow xanthorrhiza (see Xanthorrhiza)
Yerba santa leaves, bls.....lb. .28 - .30
Yohimbine hydrochloride vls.....oz. 3.25 4.00

Z

Zein, bgs., 36,000 lbs., works lb. .30 - —
1,000 lbs. to 36,000 lbs., works lb. .32 - —
smaller lots works.....lb. .35 - —
Zinc acetate, tech., bbls., dms...lb. .26¼- —
NF, dms. .....lb. .38 —
Arsenite, bgs., c.l., frt. alld. E. of Rockies. lb. No stocks.
t.c.l., same basis .....lb. No stocks.
Borate, bgs., c.l., dlvd. E.....lb. .16 - —
l.c.l., dlvd. E.....lb. .17 - —
Carbonate, purified, powd., dms. lb. .26 - —
tech., rubber makers', bgs., works lb. .10¾- .11¼
precipitated, powd., dms.lb. .26 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 7.00 - —
t.c.l., works.....100 lbs. 7.40 - —
gran., bbls., c.l., works.100 lbs. 7.75 - —
l.c.l., works.....100 lbs. 8.15 - —
solution, 50%, dms., c.l., works. 100 lbs. 3.90 - —
t.c.l., works.....100 lbs. 4.50 - —
tanks, works.....100 lbs. 3.25 - —
NF, gran., dms.....lb. 42 - —
Chromate (see Yellow, zinc)
Cyanide, kgs., works.....lb. .38 .41
Dust, bbls., c.l., works.....lb. .1225- —
dlvd. .....lb. .1250- —
l.c.l., works.....lb. .1260- .1325
Fluoride, bbls., works .....lb. .40 - —
Hydrosulphite, dms., c.l., frt. alld. lb. .17¼- —
l.c.l. .....lb. .17¾- .19¾
Iodide, NF, jars.....lb. 4.85 —
Laurate, bbls.....lb. .45 .46
Linoleate, solid, 9½%, bbls.....lb. .42½- —
Metal slabs, E. St. Louis.....lb. .10½- —
Naphthenate, liquid, 8% Zn., frt. alld. lb. .20¾- —
10% Zn. dms., frt. alld.....lb. .25¾- —
Oleate, fused, bbls.....lb. .36 - —
Oxide, pigment, dom., acicular, bgs., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12½- —
American process, com'l, lead-free, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12½- —
leaded, 5%, bgs., c.l., dlvd. lb. .11½- —
l.c.l., dlvd.....lb. .12½- —
35%, bgs., c.l., dlvd. lb. .11¾- —
l.c.l., dlvd.....lb. .12¾- —
50%, bgs., c.l., dlvd. lb. .11⅞- —
l.c.l., dlvd.....lb. .12⅞- —
French process, com'l, leadfree, bgs., c.l., dlvd. lb. .13¾- —
l.c.l., dlvd.....lb. .14¾- —
green seal, bgs., c.l., dlvd. lb. .13¼- —
l.c.l., dlvd.....lb. .14¼- —
red seal, bgs., c.l., dlvd. lb. .12¾- —
l.c.l., dlvd.....lb. .13¾- —
white seal, bgs., c.l., dlvd. lb. .13¾- —
l.c.l., dlvd.....lb. .14¾- —
USP, etns., c.l., dlvd.....lb. .14¾- —
l.c.l., dlvd.....lb. .15¾- —
Zinc oxide Pac. coast prices 1c. higher; bbl. prices ¼c. higher than bgs.
Thionosulphonate, NF, gran., bbls., dms..lb. .33 - .34
powd., bbls.....lb. .36 .37
Resinate, fused, 1% Zn, dms., frt. alld..lb. .20 - —
precip., dms., frt. alld .....lb .22 —
Silicofluoride, bbls., works....lb. .10 - .10½
Stearate, tech., USP, etns., c.l., lb. .34 - —
ton tots .....lb. .35 - —
less ton lots .....lb. .36 - —
Sulphate, cryst., 22% Zn, bgs., c.l., works, frt. alld. 100 lbs. 4.55 - —
t.c.l., same basis 100 lbs. 4.95 - —
flake, 25½%, Zn, bgs., c.l., works..100 lbs. 4.50 - —
t.c.l., works .....100 lbs. 4.90 - —
powd., 36% Zn, bgs., c.l., dlvd., same basis....100 lbs. 7.00 - 7.40
t.c.l., same basis ..100 lbs. 7.40 7.75
Zinc sulphate in bbls. 40c. higher
USP, gran., dms .....lb. .22 - .22½
Sulphide, pure, bgs., c.l., dlvd. lb. No prices.
t.c.l., dlvd .....lb. No prices.
Barium pigment, bgs., c.l., dlvd..lb. No prices.
t.c.l., dlvd .....lb. No prices.
Calcium, pigment, bgs., c.l., dlvd..lb. No prices.
t.c.l., dlvd.....lb. No prices.
Luminescent pigment, dlvd lb. No prices.
Magnesium pigment, bgs., c.l., dlvd..lb. No prices.
t.c.l., dlvd .....lb. No prices.
Zinc sulphide and pigment, Pac. coast prices 1c. higher; bbl. prices ¼c. higher than bgs.
Yellow (see Yellow, zinc)
Zinc-ammonium chloride, bgs., c.l., works..100 lbs. 7.00 : —
t.c.l., works.....100 lbs. 7.40 : —
Zinc-cadmium sulphide, fluorescent, cns., frt. alld..lb. 2.00 - 2.80
Zinc-calcium resinate, dms., c.l., works..lb. .1180- .1360
t.c.l., same basis.....lb. .1220- .14
Zinc-formaldehyde sulphoxalate, basic, dms., works..lb. .21¼- —
normal, dms., works.....lb. .43 - —
Zircon (see Zirconium silicate).
Zirconium acetate, 13% sol. ZrO_2, bbls., works lb. .21¼- —
Carbonate, basic, cake, bbls., works..lb. .30½- —
Hydride, cns., works.....lb. 7.00 - 8.00
Nitrate, dms., works .....lb. 1.75 - —
Oxide, 98½-99% white, grd., bbls. or bags, works .lb. 1.50 - —
lump, electric-fused, bgs., c.l., works..lb. .44 - —
5 tons, works.....lb. .44½- —
1 ton or less, works...lb. .45 - .48
milled, electric-fused, bgs., c.l., works..lb. .59 - —
5 tons, works .....lb. .59½- —
1 ton or less, works ....lb. .60 .63
Oxychloride, cryst., etns., 5 tons, works lb. .29½- —
Silicate, granular, bgs., c.l., works. lb. .03¼- .03¾
10 tons, works .....lb. .03½ .04
5 tons, works.....lb. .04 - —
1 ton or less, works.....bl. .04¼- .04¾
milled, bgs., c.l., works.....lb .04¾- —
5 tons, works .....lb. .05¼- —
1 ton or less works .....lb. .05¾- .06¾
refined, bgs., c.l., works.....lb. .11 — —
works lb. .11 - —
5 tons, works .....lb. .11½- —
1 ton or less, works ...lb. .12 .16
Sulphate, cryst., etns., c.l., works. lb. .37½- —
5 tons, works .....lb. .38 - —
1 ton or less, works .lb. .38½- .39

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Oils, Fats and Waxes

Weakness developed in fats and oils late in the week and early advances in cottonseed and soybean oils were nullified, prices declining to former levels. Other competing vegetable oils were quotably unchanged, but were unsettled.

Crude cottonseed oil was in limited demand and the market reflected lower bleachable oil and western markets. Soybean oil reflected the decline of soybeans and competing oils. Consuming demand for edible oils has fallen off and this was reported a contributing factor. Peanut oil also was off fractionally.

Lower cost of copra, which dropped $10, caused coconut oil to decline fractionally.

Liberal offerings of tallow and grease and the withdrawal of consuming interest took the edge off this market. Export business also was slow.

Tung oil continued unsettled for prompt and forward delivery. Prices were off fractionally. Linseed oil remained steady despite the quiet demand for replacements. Oiticica oil was reduced ½ cent per pound, due to lack of buying interest and increased supplies.

Owing to increased handling charges red oil in drums was increased ¼ cent to ½ cent above the tankcar price, as to quantity and stearic acid in less carlots ¼ cent more than carlots.

Carnauba wax price trend continued downward last week due to liberal offers of "barter wax" which have demoralized the market. Prices cover a wide range and fluctuated sharply, depending upon the quantities offered by resellers. Declines ranged from 3 cents to 8 cents per pound last week. Refined ouricury also was weaker and off about 3 cents per pound.

Cottonseed Oil

Bleachable cottonseed oil futures were irregular last week and weakened late in the period with the decline of crude cottonseed and soybean oils and unsettlement of western markets. Prices advanced early, reaching new highs for new crop months but the advance was not sustained following the break in crude.

Crude cottonseed oil sold up to 13¾c. per pound, tankcars, f.o.b. Southeast and Valley and 13½c. Texas. Later sales took place at ¼c. less nullifying the advance.

Department of Agriculture last week confirmed the sale of 20,000,000 pounds of government owned crude cottonseed oil as follows:—201 tankcars at 13⅛c. per pound, tankcars, f.o.b. Texas mills to domestic buyers; 25 tankcars at 13¼c. for export to Canada and 6,750,000 pounds to the army for delivery to Japan.

Sales and prices of refined bleachable prime summer yellow cottonseed oil in tankcars (60,000 pounds) on the N. Y. Produce Exchange for the week ended April 14 follow:—

	Sales	Cents per pound—High	Low	Close
May	204	16.22	15.90	16.14S
July	419	15.96	15.60	15.83S
September	405	15.59	15.15	15.48@15.49
October	130	14.90	14.47	14.78S
December	238	14.66	14.24	14.42@14.49
January	...	...	...	14.42N
March	8	14.50	14.11	14.27@14.40

Total sales, 1,404 tankcars, including switches.

Memphis.—Crude cottonseed oil was 13½c. bid and 13¾c. per pound, asked tankcars, f.o.b. Valley and crude soybean oil, 13c. to 13¼c., April-May same basis. Trading was light. Cottonseed meal, 41 percent quoted at $64.50 per ton, Memphis. Stocks of cake and meal very light—this section. Hulls in scanty supply and nominal at $10 per ton, bulk and $16 sacked, Memphis.

Linseed Oil

While trading continued spotty, the market remained steady. Raw oil was generally quoted at 16.9c. per pound, tankcars, Zone 3 April-June delivery, though firm bids could have shaded this price 2 points. Moderate improvement was reported in the call for oil against current contracts.

Department of Agriculture announced April 10 a support price of $2.82 a bushel, Minneapolis, Minn., basis, for No. 1 1950-crop flaxseed. This support price reflects an average support level of 60 percent of parity as of April 1, 1950. Support for the 1949 crop was $3.99 a bushel, Minneapolis basis and $6 in 1948. The support price at Duluth, Minn., Chicago, Ill., and Portland, Ore., will be the same as at Minneapolis. The support price at Los Angeles and San Francisco, Calif., will be $2.97; Fredonia, Kansas, $2.62; and Corpus Christi, and Houston, Texas, $2.57 per bushel.

Minneapolis.—Although only little new linseed oil business was booked here last week, shipments against previous contracts were the heaviest since the first week of last October topping 9,500,000 pounds. Old-crop oil held steady at 16.3c. per pound, raw, in tankcars, f.o.b., Minneapolis. Sales were made mostly at the 16.1c. per pound level.

Shipments of linseed oil last week, in pounds, were as follows:—

	1949-50	1948-49
This week	9,600,000	9,200,000
Since Sept. 1	276,420,000	220,098,000

Flaxseed—Light seed offerings and active inquiry featuring this market. Prices were strong.

Minneapolis.—Flaxseed demand continued excellent but very little was offered for sale. Only 84 cars were received at the local market last week as compared with 90 the previout week and 217 cars in the same week last year. Virtually all flaxseed sold at the support level of $3.99, even though the range was quoted at $3.85 to $3.99. One spot car of No. 2 seed sold at $3.94. Another, grading No. 1, moved at $3.97.

Receipts and shipments of flaxseed last week, in bushels, were as follows:—

Bushels—	Receipts— 1949-50	1948-49	Shipments— 1949-50	1948-49
This week	137,700	426,700	6,800	64,600
Since Sept. 1	16,072,000	31,797,300	2,389,300	7,865,100

Other Vegetable Oils

Castor, Dehydrated—This market was firm at the recent advance of ½c. per pound. Trading was reported slow.

Coconut—Crude oil was easier with lower copra and was off ¼c. Tankcars were quoted at 15½c. per pound, tankcars, f.o.b. Pacific coast April and 15¼c. shipment.

Copra—Market was easier and decline $10 per ton for the week. Offers for shipment were more liberal at $202.50 to $205 per short ton, c.i.f. Pacific coast.

Corn—Light trading in crude was reported at 14c. per pound, tankcars, f.o.b. mills. Refined was quoted at 17¼c. per pound, tankcars, New York delivery.

Oiticica—Prices were reduced ½c. per pound. Liquid was quoted at 19½c. per pound, tankcars, New York; 20½c. drums, carlots and 21c. drums, less carlots.

Olive—Business in edible oil was light, but the market remained steady at $2.15 to $2.30 per gallon, drums, duty paid, as to quantity. Trading in olive foots was more active and quotations were raised to 13½c. to 13¾c. per pound, drums on spot. Sales of sizable quantities were reported on the basis of 13c., drums for spot and to arrive. Commercial oil was inactive and unchanged.

Peanut—This market was easier off ¼c. Crude oil was sold at 14¾c. per pound, tankcars, f.o.b. mills. Refined oil was held at 18c. per pound, tankcars, New York basis. Government released peanuts for 44 tankcars of oil last week, increasing offerings.

Soybean—Market became unsettled late in the week with soybeans and early price advances were not maintained. Crude oil was offered at 13⅛c. per pound, tankcars, f.o.b. mills, April shipment; May, 13c., and July-September, 12½c. to 12⅝c. Refined oil was quoted at 15⅞c. per pound, tankcars, New York basis. CCC purchased for export 1,400,000 pounds of refined soybean oil and 657,666 bushels of soybeans during April 3-7.

Sales and prices of prime crude soybean oil on the N. Y. Produce Exchange in tankcars (60,000 pounds) for the week ended April 14 follow:—

	Sales	Cents per pound—High	Low	Close
April	...	...	...	13.25N
May	26	13.15	13.10	13.06 —13.25
June	4	13.00	12.70	12.75 @12.90
July	22	12.98	12.75	12.75 —12.80S
August	1	12.70	12.70	12.55 @12.75
September	12	12.75	12.30	12.40 @12.59
October	95	11.80	11.00	11.34 —11.33S
November	6	10.95	10.55	10.55 @10.75
December	5	10.84	10.56	10.50 @10.60
January	1	10.50	10.50	10.30 @10.60
February	...	...	...	10.25N
March	3	10.70	10.60	10.15 @10.45

Total sales, 175 tankcars and switches.

Tung—Quiet demand and increased sell-

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Olive oil foots, ½c. per lb.
Red oil, drums, c.l., ¼c. per lb.
l.c.l., ½c. per lb.
Stearic acid, l.c.l., ¼c. per lb.

Prices Reduced

Carnauba wax, 3c. to 8c. per lb.
Coconut oil, ¼c. per lb.
Copra, $10 per ton.
Oiticica oil, ½c. per lb.
Ouricury wax, 3c. per lb.
Peanut oil, ¼c. per lb.
Tung oil, ¾c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Apr. 15, 1949
120.9	120.9	118.9	111.3	125.5

(*For Current Prices see Page 9*)

ing pressure continued to unsettle this market. While tankcars were offered at 26c. per pound, New York for April delivery, it was intimated the bids of ¼c. less would have been accepted. Forward delivery also was inactive and easy with tankcars quoted nominally at 25¼c. for June. Domestic oil was quoted nominally at 26c. per pound, tankcars, f.o.b. mills. Department of Agriculture announced April 10 that none of the 1,748 tons of tung nuts covered by purchase agreements under the 1949 price support program will be offered to Commodity Credit Corporation. All tung nuts under purchase agreement were either sold by producers in commercial channels of trade or toll-crushed into oil for the producer's account. March 31 was the last day on which producers could notify the Production and Marketing Administration of their intentions to deliver tung nuts to CCC.

Fats and Greases

Greases—Trading was limited at unchanged prices last week, but withdrawal of buying interest gave the market an easier tone. Export business also was inactive.

Lard—Prices were easier and off fractionally with grains. Offers for 4,500,000 pounds by April 12 for export to Japan were requested by the Department of Agriculture. Cash lard was lower at 10.85c. per pound, tierces, Chicago.

Tallow—Withdrawal of soapers interest following light purchases at former quotations, created an easier tone last week, though prices were unchanged. Export inquiry slackened appreciably.

Animal Oils

Degras—Trading was reported moderate for actual needs. Crude and refined were without change.

Grease Oil—Demand was confined to small lots for immediate delivery. Quotations were well held.

Oleo Oil—Market was steady and unchanged. Extra ranged from 12½c. to 13c. per pound, tierces, New York as to quantity.

Oleo Stearine—Supplies were maintained at 9¼c. to 9½c. per pound, barrels, New York, as to quantity.

Fish Oils

Fish—Consuming inquiry was fairly active. Refined oil remained steady. Light pressed oil was quoted at 10c. to 10.2c. per pound, tankcars, as to seller. Crude sardine was quoted at 7½c. per pound, tankcars, f.o.b. Pacific coast and 7¼c. was bid. Crude menhaden oil was unavailable.

Los Angeles.—There was a limited amount of trading last week in tuna oil with no activity reported in sardine oil. Tuna oil was traded at 4.75c. per pound, tankcar, f.o.b. Los Angeles, with this price still prevailing on the market. Although tuna fishing is in progress, the production of oil will continue light until June, July and August. No trading was reported for sardine oil although buyers and sellers are closer to reaching a sales price. Bid and asked quotations of 7.25c. and 7.375c. per pound respectively were reported. The four cars of sardine oil reported at Monterey were quoted at 7.5c. per pound.

Fatty Acids

Red Oil—Business was reported spotty. Tankcars were unchanged while drums were raised ¼c. for carlots and ½c. for lesser quantities, due to increased handling costs.

Stearic Acid—Trading was confined to immediate needs. Prices were steady and unchanged for carlots, while less carlots were advanced ¼c. because of high handling charges.

Cake and Meal

Cottonseed Cake and Meal—Limited stocks of loose slab cake were offered out of the Mississippi Valley for April or May shipment at $59.50 per ton, mills. Sacked cottonseed meal 41 percent was about steady at $64.50 basis Memphis, April shipment. Loose 41 percent slab cake was quoted at $52 f.o.b. Texas, April-May shipment. Sacked 41 percent meal was sold at $67 to $69 basis Georgia and South Carolina mills with 36 percent, $5 per ton less.

Linseed Meal—Inquiry fairly active. Prices remained firm.

Minneapolis.—Demand for linseed meal held up fairly well as wintry weather continued to hold sway over much of the Upper Midwest area. Extracted linseed meal was quoted $1 per ton higher than a week ago at $65.50 for April-May shipments. Expeller meal, which was scarce, ruled steady with a week

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ago at $67.50 to $68 per ton, bulk, f.o.b., Minneapolis.

Shipments of linseed meal, in pounds, were as follows:—

	1949-50	1948-49
This week	9,480,000	9,400,000
Since Sept. 1	552,170,000	427,240,000

Peanut Meal—Last week the government released peanuts in the Southeast to produce approximately 2,200 tons of meal. Supply of meal at mill points is limited but demand continued slow. Old process 45 percent was quoted at $67 basis South Georgia and 45 percent solvent process at $65 South Alabama, April-May shipment.

Soybean Meal—This market was slightly stronger with 41 or 44 percent quoted at $60 per ton bulk, Decatur, April shipment, and $62 to $63 May through September. Southeastern market continued fairly tight with limited offerings. Hydraulic 45 percent ranged from $71 to

—*Continued on page 75*

Bids Wanted

Acetate butyrate, hot dippable, strippable, 1,800 pounds, Army Quartermaster (New Cumberland, Pa.) invitation 29, April 20.

Ammonium nitrate, 1,170 tons, Army Quartermaster (Fort McPherson, Ga.) invitation 14, May 2.

Antifreeze, 207,000 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 332, May 4.

Carbon dioxide, solid, approx. 225 tons, from May 1 through June 30, 1950, Army Quartermaster (Second Army, Baltimore 2) invitation 51, April 25.

Chemicals, 81 items, Army Ordnance Department (Aberdeen Proving Ground, Md., Attention of Mr. G. T. Miller) invitation 166, May 10; various, including, nitric acid, oxalic acid, phosphoric acid, potassium iodide, Veterans Administration (Washington 25) invitation A-98, April 24.

Cleaners & sanitary chemicals, sodium bisulphate, toilet bowl cleaner, 5,156 cans, Federal Supply Service (Washington 25) invitation 87-830(3), May 5; disinfectant, 2,740 gallons, invitation 87831(3), May 5; sanitation powder, potassium permanganate base, 4,740 pounds, invitation 87832(3), May 5.

Dextrin, 700,000 pounds, as required during fiscal year beginning July 1, 1950, Bureau of Engraving & Printing (Washington 25) schedule 8, samples on or before May 2, bids June 14.

Drugs, d-amphetamine sulphate tablets, and homatropine, Armed Services Medical Procurement Agency (Brooklyn 1, N. Y.) invitation 535, April 24; vitamin B complex syrup, 20 gallons, Panama Canal (Purchasing Officer, Washington 25) invitation C-7088, April 24; phenylephrine hydrochloride solution, papaverine hydrochloride, paraldehyde, Veterans Administration (Washington 25) invitation A-98, April 24.

Foam-making solution, 27,000 gallons, Army Engineers Corps (Chicago 6) invitation B-1076, May 10.

Ink, lithographic, U. S. Air Force (Scott Base, Ill.) invitation 23, April 21; 1,100 pounds, Army Engineers Corps (Chicago 6) invitation DA-ENG-1081, May 11; black cancelling, 12,400 pounds, Post Office Department (Washington 25) invitation 3019, April 28.

Joint compound, 139,950 pounds, Army Engineers Corps (Chicago 6) invitation 1049, May 8.

Lard oil, pure, 1,300 gallons, Navy Purchasing Office (Norfolk 11, Va.) invitation 8676, April 27.

Linseed oil, raw, 500 gallons, Army Quartermaster (Camp Campbell, Ky.) invitation 46, April 25.

Oil, special testing & flushing, 500 gallons, Army Engineers Corps (Chicago 6) invitation DA-ENG-1050, May 9.

Olive oil, 1,824 cans, Veterans Administration (Washington 25) invitation A-98, April 24.

Oxalic acid, technical, 3,912 pounds, Navy Purchasing Office (New York 3) invitation 6378, May 5.

Paint, enamel, 100 gallons, U. S. Air Force (Connally Base, Waco, Texas) invitation 28, April 24; **various,** 500 gallons, invitation 28, April 24; 4,000 gallons, U. S. Air Force (Lowry Base, Colorado) invitation 20, April 28; 5,000 gallons, Army Engineers Corps (San Francisco) invitation ENG-210, April 26; 430 gallons, Federal Reformatory for Women, Alderson, W. Va., invitation 6-2398, April 24; 110,420 gallons and 405 pounds, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50,231, May 4; 10,440 gallons, Army Quartermaster (Camp Campbell, Ky.) invitation 46, April 25; 500 gallons, Federal Supply Service (Chicago 6) invitation 20942, April 24. 2,370 gallons, Army Engineers Corps (Chicago 6) invitation 1059, May 8.

Paint stripper, 90,400 pounds, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50240, May 5.

Paraffin, refined, 6,240 packages, Veterans Administration (Washington 25) invitation A-98, April 24.

Pepper, black, 100,000 pounds, Quartermaster Procurement Agency (New York 3) invitation 697, May 15.

Petrolatum, 1,254 cans, Veterans Administration (Washington 25) invitation A-98, April 24.

Petroleum naphtha, aliphatic, 9,400 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50426, May 5; aromatic, 1,910 gallons, invitation 50247, May 4.

Rubber solvent, 12,500 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 335, May 4.

Sealing compound, insulating, 12,100 eight-ounce containers, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50239, May 4; type I, 3,000 pounds, Army Signal Corps (Philadelphia 45) invitation 1905, May 8.

Shellac, various, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50219, May 1.

Shortening, hydrogenated, 1,920,000 pounds, Quartermaster Purchasing Office (Chicago 9) invitation 761, May 11.

Soap, powder, 6,300 pounds, Quartermaster Procurement Agency (New York 3) invitation 682, May 5.

Soda ash, dense, type IV, 60 tons, Office of the Quartermaster (West Point, N. Y.) invitation 90, April 18.

Soda, laundry, 31,080 pounds, Federal Supply Service (Washington 25) invitation 3W-87557-R, April 24; **caustic,** 12,672 thirteen-ounce containers, Federal Supply Service (Washington 25) invitation 3W-87556-R, April 21.

Sodium chloride, 240,000 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 096-506, April 21.

Sodium thiosulphate, 325,000 pounds, Federal Supply Service (Washington 25) invitation 3W-87558-R, April 21.

Sulphuric acid, 60,000 pounds, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 345, May 15.

Thinner, paint & lacquer, 1,500 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50220, May 1; 500 gallons, Army Quartermaster (Camp Campbell, Ky.) invitation 46, April 25.

Trisodium phosphate, 123,800 pounds, Federal Supply Service (Washington 25) invitation RW-97-559-R, April 24.

Turpentine, gum spirits, 2,500 gallons, Army Engineers Corps (San Francisco) invitation ENG-200, April 21; turpentine, 73,000 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation 50220, May 1.

Vapor cleaning compound, 765,000 pounds, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 324, May 5; 510,000 pounds, invitation 323, May 5.

Varnish, various, 1,040 cans, Veterans Administration (Washington 25) invitation R-142, April 20.

Wax, floor, 12,500 gallons, U. S. Air Force (Lowry Base, Colorado) invitation 20, April 28.

Yellow ocher, dry, 1,000 pounds, Army Engineers Corps (San Francisco) invitation ENG-210, April 26.

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Petroleum Derivatives

An increase in the barrel price of No. 6 fuel oil was noted along the East and Gulf coasts last week. Three grades of petrolatum were adjusted upwards, but otherwise the market for petroleum derivatives was without price feature.

Toluol and xylol were still in good demand, with some business still coming from those who normally use coaltar-derived material. Supplies were sufficient for contract customers. Marketwise, higher boilers and blends remained about where they had been. The demand for aliphatics was running to levels that were generally considered satisfactory, and there was some pickup being noted as a result of the seasonal increase in activity in the paint field.

This was the between-seasons period for LPG's and the demand was off slightly, but was still within the range of normalcy. Heptane, hexane and pentane were in fairly good demand and stocks were ample. Microcrystalline wax demand continued high but supplies were none too plentiful. The call for crude and refined paraffin was good and while the available stocks were sufficient to handle it, that was about all that could be said for the supply situation.

Despite the upward revisions in petrolatum, there was still a price range. Demand remained at a good point and there was enough material available to accommodate it. White mineral oils were without particular change as to supply and demand. Light was still doing a little bit better than heavy.

Solvents and Diluents

Aromatic Solvents—Demand continued to hold at good levels during the past week. Although the strike in the coal industry was long over, some producers of solvents said they were still getting some business from customers who normally use the coaltar product. Coaltar producers were rapidly going back to normal output but there was still a tightness of the coaltar-derived solvents and naturally those who were in need of material were looking to the petroleum industry as another source.

Higher boilers were in strong demand, as they had been for some time. Supply was, and has been, at good levels but the demand was up to such a high point that it was putting a strain on the supply. In one quarter, it was suggested that there might even be an increased demand for higher boilers in the near future. Despite this situation, there were no changes reported in the price listings and there were no indications that any were to be expected in the immediate days ahead. The demand for blends was good, on the whole, and the supply was at sufficiently high levels to accommodate it without difficulty.

Cleaners' Naphtha—There was enough material available to meet the needs of the market without any particular difficulty. Demand was running to about average levels for this time of year and could generally be called satisfactory.

Lacquer Diluent—Stocks, as of last week, were at a point sufficiently high to meet the needs of the market, but not so high as to cause any stocks to accumulate. At this time of year, there was the normal increase in call as a result of a seasonal stimulation in the paint field. Pricewise, there were no changes and there were none indicated for the days immediately ahead.

Mineral Spirits—This was the time of year when an increase in the call for this item was expected, and producers said they were noticing some seasonal rise. Demand, during the past week, was reported to be holding at good levels and was expected to continue that way for a while yet. Stocks were at a point high enough to make it possible for producers to meet the needs of the market with no special difficulty.

Rubber Solvent—Demand was still running at about normally good levels and there were no indications that there would be much change, one way or another, in the immediate future. Stocks were strong enough to preclude any difficulty in the filling of orders.

Stoddard Solvent—Demand was running at a fairly good level, but was not high enough to be called heavy. Supply was sufficient for the needs of the market and, if anything, a bit on the long side. There were no price changes reported and none were indicated for the immediate future.

V. M. & P. Naphtha—There was some increase noted in the demand for this material, and that was largely the result of the spring influences at work in the painting field. Supply was high enough to make the filling of orders no particular problem.

Market Trends

Prices Advanced

Fuel oil, No. 6, East and Gulf Coasts, 15c. per bbl.
Petrolatum, USP, amber, extra amber, yellow, ¼c. per lb.

Prices Reduced

None

(For Current Prices see Page 9)

Lighter Fractions

LPG's—Demand was reported to be about fair during the past week. This was the off season for liquefied petroleum gases, since it was the time between winter and summer loads, but with this taken into consideration, demand was still at normal levels. Supply was adequate for the needs of the market and prices were at unchanged levels.

Waxes

Demand for microcrystalline was still heavy and the industry was pinched for sufficient supplies to meet it. Some sources thought that consumers were trying to put away inventories now and might ease off in their call in the fairly near future. Pricewise, there were no revisions and there were no indications that any were on the way.

The demand for both crude and fully refined paraffin was still holding at good levels. While there was about enough material available to take care of the demand, there was not a great deal more than that. Prices were not changed from their previous levels.

Miscellaneous

Fuel Oil—One producer announced during the week that it was raising the price of its bunker C, No. 6 by 15c. per barrel on the East and Gulf coasts. This action restored prices to the level prior to March 1, when a 15c. a barrel reduction was affected.

Petrolatum—One producer last week announced making upward revisions of ¼c. in USP amber, extra amber and yellow. This established the following prices on the low side of the range:—USP amber, carloads 4⅝c. and less carloads 5½c.; extra amber, carloads 4⅞c. and less than carloads 5¾c.; yellow, carloads 4⅞c. and less carloads 5⅝c. Another producer was still holding to its previously established figures which represent the high side of the range. Demand was good and supply sufficient.

White Mineral Oils—Demand was at reasonably good levels and the supply was at a high enough level to meet it comfortably. Light was doing pretty well and heavy was approximately fair. There were no changes reported in the price range.

Crude Oil Stocks

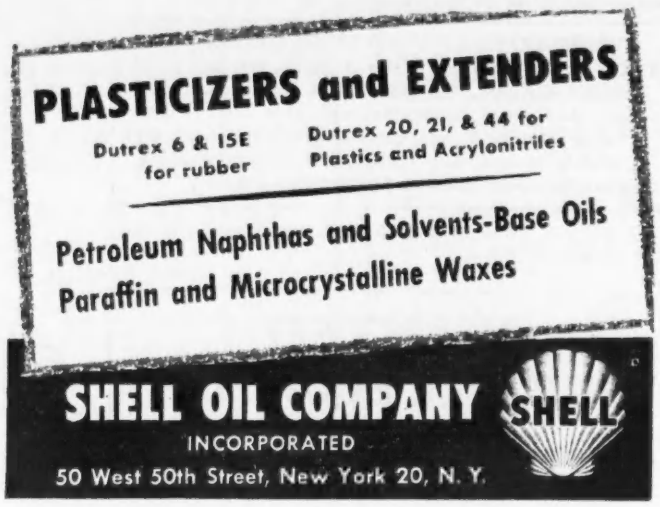
Stocks of domestic and foreign crude petroleum at the close of the week ended April 1 totaled 243,107,000 barrels, according to the Bureau of Mines. Compared with the total of 244,227,000 barrels for the preceding week, this represents a decrease of 1,120,000 barrels, comprising a decrease of 181,000 barrels in stocks of domestic crude and a decrease of 939,000 barrels in stocks of foreign crude.

Los Angeles Petroleum Market

The local solvents and diluents market continues improved over past weeks as the Spring season demand shows further increases. Adequate supplies are reported with even further production potential. Prices are posted as follows:—Cleaning solvent from 15½c. to 19½c. per gallon, tankwagon, ex-tax, f.o.b. Los Angeles basin area. Lacquer diluent from 16½c. to 20½c. per gallon, same basis, and stoddard solvent from 15.7c. to 19.5c. per gallon, same basis.

More than adequate supplies for this season of the year have resulted in further price decreases for both butane and propane, now quoted at 5.3c. per gallon, tankcars, f.o.b. Los Angeles Basin area.

For Late Market Developments, See Page 4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500 | 190/195 | 10 max. | 2 to 2½ | Nil | Nil
700 | 190/195 | 5 max. | 2 to 2½ | Nil | Nil
1035 | 195/200 | 2 max. | 2 to 2½ | Nil | Nil
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Oils, Fats and Waxes

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$72 sacked, mills. Demand was fairly good.

Waxes

Carnauba—This market continued in a turmoil owing to liberal offers of "barter wax" which further weakened the market. Prices were more or less nominal depending upon quantity and seller. Consuming interest was lacking, except for small lots for actual needs. The following prices it was reported could have been shaded on firm bids for sizable quantities. North country, No. 2, 75c. to 77c. per pound, on spot; No. 3, crude, 68c. to 72c. and refined, 72c. to 76c.; yellow, No. 1, 90c. to 92c. and No. 2, 88c. to 90c.

Ouricury—Refined also was unsettled by the weakness in carnauba and quotations were reduced to 74c. to 76c. on spot, as to quantity.

Italian Chemical Industry

—*Continued from page 3*

generally was the sharp rise in output of ethyl alcohol. Production in the first nine months was 148,100 hectoliters, anhydrous basis, or 62 percent above the corresponding period of 1948. The coaltar dye industry failed to adjust production costs fully to foreign competition, and output declined.

During the period of ECA assistance, the Italian chemical industry plans a broad program of expansion, especially in the fields of nitrogen, petroleum and natural gas derivatives, and plastics. The progress of the plastics group in applied research apparently is leading to sound development and promise of rapid growth. If this extension is to be achieved, however, two basic problems need solution—an adequate supply of electric power must be assured; and the slow domestic market for coke, resulting in under-operation of coke ovens, must be stimulated.

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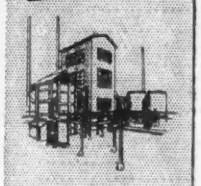

Alkyl Methyl Pyridinium Chloride
Alphanitronapthalene
Benzol—Motor, Nitration, Pure
Cresol—Meta Para, Ortho
Naphtha, Heavy Solvent
Naphthalene—74° and 78°
Para Amino Phenyl Mercuric Acetate
Phenol
Picoline—Alpha, Beta and Gamma
Pyridine—Medicinal and Industrial
Sodium Cyanide
Sodium Thiocyanate
Sulphate of Ammonia
Sulphuric Acid—60°, 66° and Oleum
Tar and Creosote
Toluol—Nitration and Commercial
Xylol—10°, 5° and 3°
2, 4 Dichlorophenol

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5. It is non-corrosive to metals
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3. coolant waters for radio station condensers and oil refineries
4. general cleaning, i.e. walls, floors, etc.
5. pharmaceutical plants
6. beauty parlors and barber shops
7. laundries and diaper services
8. general hospital use
9. sanitization of textiles

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